

V-Ideas

Department of Computer Engineering

2017-2018



Preface

- **Vidyalankar is a 'Sanskrit' word combining two words Vidya + Alankar. Where Vidya means knowledge and Alankar means Ornament, the essence being that 'knowledge is the true ornament of a progressive mind'.**
- **Vidyalankar Polytechnic is one of the leading college in Mumbai, approved by AICTE,DTE Maharashtra state and Affiliated to MSBTE. It offers under graduate courses in engineering**
- **.**
- **Vidyalankar Polytechnic was established by Vidyalankar Dyanapeeth Trust in 2002 under the dynamic leadership of Shri. C. S. Deshpande with the aim of imparting Technical Education in various fields of Engineering and Technology. It is located at the heart of Mumbai at Wadala(E).**
- **Courses offered are Electronics and Telecommunication Engineering, Information Technology and Computer Engineering .**
- **The college has excellent infrastructure for Class rooms, Technical library, Laboratories and latest computing facilities.**

Vidyalankar Polytechnic

Vision

To achieve excellence in imparting technical education so as to meet the professional and societal needs.

Mission

- Developing technical skills by imparting knowledge and providing hands on experience.
- Creating an environment that nurtures ethics, leadership and team building.
- Providing industrial exposure for minimizing the gap between academics and industry.

Principal Speak



Vidyalankar Polytechnic has always believed in providing quality technical education to the student who aspire to become skilled engineers .

We at Vidyalankar put forth for students a challenging ground; tracking them to learn and imply in their career and professional future. Emphasizing to skill and develop their opportunity to widen their innovative horizon.

V-Ideas is compilation of final year student's project ideas that have been processed and developed after fine scrutinizing and tuning by subject expertise. The selected projects were much appreciated by the judges boosting the morale of students.

Technovation the exploration of technology and innovation is the annual project exhibition and competition organised by Vidyalankar Polytechnic for final year students of various branches. Technovation enables students to exhibit and display their innovative skills, thus giving them an opportunity to manifest their hidden skills and ideas. This platform has privileged the students to think in new areas of their skills and present it in the best possible way.

V-ideas culminates V-Technovation 2018

"All of us do not have equal talent. But , all of us have an equal opportunity to develop our talents." - A.P.J Abdul Kalam

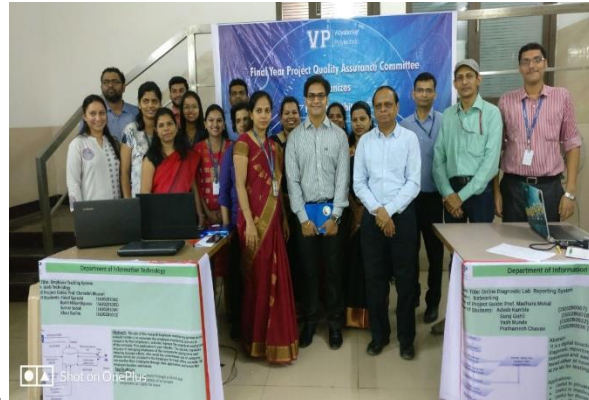
Vidyalankar Polytechnic has always believed in inculcating a synergetic and academic culture in its students, one that encourages them to be innovative and to be passionate about taking their ideas ahead.

V-Ideas are a collection of the final year project ideas of our students that have been nurtured after much rational thinking, fine-tuning and accurate reflection from teachers, guides and subject experts. The ideation stage is quite different from actual implementation; it is comparable to the transition from form to format, the regulated flow of ink from a nib which produces the actual writing. The Institute initiated an innovative idea of assembling the project ideas and transferring them into a hardcover book known as V-Ideas. This collection of projects acts as a future reference for First, Second and Third year students.

As a part of curriculum, students of diploma undertake a project related to their field and demonstrate the knowledge and skills gained on the subject of their choice. Students also take industry based projects for better and live exposure with the industry. The projects selected by the panel of experts are ii regularly monitored by the project guides. The innovative and creative projects are projected in V-Technovation. The projects won many awards at various competitions at other institutes.

V-Technovation provides a platform to diploma students to compete, interact and excel.

V-ideas culminates V-Technovation-2017



Department of Computer Engineering

Vision

To empower students with domain knowledge of Computer Engineering and interpersonal skills to cater to the industrial and societal needs.

Mission

- Developing technical skills by explaining the rationale behind learning.
- Developing interpersonal skills to serve the society in the best possible manner.
- Creating awareness about the ever changing professional practices to build industrial adaptability.

Program Educational Objectives

PEO1: To empower the students to apply their knowledge of various domains and cultivate a habit of life-long learning in them.

PEO2: To develop the students' overall personality and thereby encourage just social behavior in the students.

PEO3: To provide exposure to the industrial environment so as to keep them abreast with new trends.

**Final Year Project Quality Assurance Committee
organizes**

Project Exhibition

**V-Technovation
2018**

Date: 10th March, 2018

Department of Computer Engineering

Department of Computer Engineering

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Department of Computer Engineering

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Department of Computer Engineering

Area ID	Project Area	Project ID	Project Title	Page No
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Area ID	Project Area	Project ID	Project Title	Page No
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Department of Computer Engineering

Project Title : VP-Tube

Domain (Area of Project): Web Technology



Name of Project Guide: Prasad Koyande

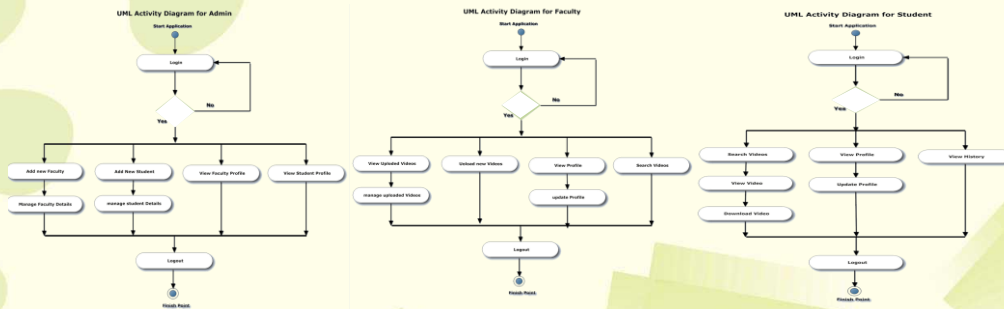
Name of Students :

Om Rajpurkar	15203A0047
Tejas Mhadgut	15203A0041
Ganesh Dongre	15203A0044
Kaif Siddique	15203A0039

Brief idea of Project:

This project is developed to enhance the communication system in the College environment between the College Administration, Faculties and Students to provide a better information services through web Technology. The intellectual growth is not possible without a modern technology being used. So the basic idea is to create campus information system via web Technology to make sure that the faculties and student can access the information anywhere, anytime.

Screenshots of the Project



Applications:

Students are engaged through visually-stimulating videos. Teachers can use VPTUBE videos to introduce a topic, explain an online activity and motivate students.

Uploading videos in VPTUBE makes it available to all the students who can access and view it from any location.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Verve Management

Domain (Area of Project): Web Technology



Name of Project Guide: Poonam Pandire

Name of Students :

Anisha Lebbay.	15203A0059
Simran Saidawale.	15203A0040
Saurabh Pawar.	14203A0038
Bhargav Palaskar.	14203A0040

Brief idea of Project:

This project College Festival Organizer is the organizer for event management in a Vidaylankar college. This system provides college management to schedule events online and assign students volunteers for an event. Using this system Event Managers can upload information related to the event.

Screenshots of the Project



Applications:

- College management can use it anytime during college fest every year.
- Once when the student registers himself then he can get himself login anytime when he needs to.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : School Management System

Domain (Area of Project): Web Technology



Name of Project Guide: Supriya Kadam

Name of Students :

15203A0023

Harshita Dhiman

15203A0026

Rahul Morajkar

15203A0025

Swaraj Pimple

15203A0050

Laxit Jadhav

Brief idea of Project:

Website and library system is the most important aspect of today's world than before. Take for example if you want to take admission in school for your sister or brother the first thing you will do is find it on the internet. If a school has its website it gets easier for parents and other people to compare different schools in the competitive world.

Screenshots of the Project



Applications:

Website for Ahilya Vidya Mandir and Library Management

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Placement Web Application

Domain (Area of Project): Web Technology



Name of Project Guide: Supriya Kadam

Name of Students :

13203A0028

Omkar Nagothkar

13203A0043

Siddhesh Kadam

13203A0047

Sujay Dhuri

13203A0008

Pravin Pranchade

Brief idea of Project: The objective of this application is to develop a system that can be used by placement cell of a college. The purpose is to design a system that provides functionalities to perform the activities related to placement services.

Screenshots of the Project

Applications: It can be used in colleges for placements



Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Rental Website

Domain (Area of Project): Web Technology



Name of Project Guide: Supriya Kadam

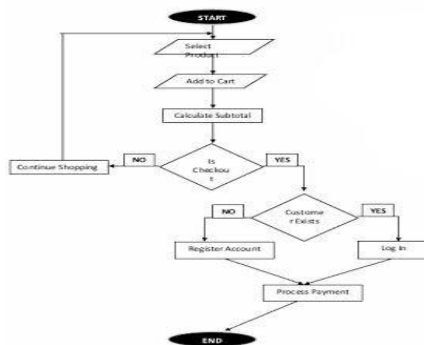
Name of Students :

15203B0019	Sidhant Gothankar
15203B0053	Sahil Mayekar
15203B0023	Laukik Gawand
15203B0046	Rutvik Kolge

Brief idea of Project:

HireCollection is an end to solution for renting variety of products . Along with huge variety of products, it also offers doorstep delivery and pickup service for hassle free experience.

Screenshots of the Project



Applications:

- You don't have to hop on every shop in your town. Get access to costumes of all categories here only.
- You won't be restricted to see only few dresses which vendor wants to show you, here at hire collection you get variety at your fingertips.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : E-RAC

Domain (Area of Project): Web Technology



Name of Project Guide: Sudhir Lawand

Name of Students :

16203C1001

Anil Prajapat

16203C1002

Elvis Branganza

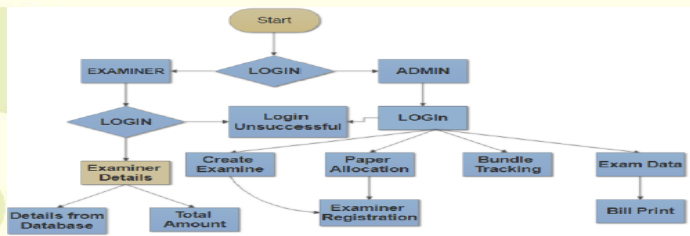
16203C1007

M.Arif Ali

Brief idea of Project:

1. E-RAC is the electronic environment for the assessment of papers of the examiner.
2. Examiner get the information about the paper that is allocated to them, the bundle number, and the total amount that he will be earning after checking the paper .
3. The admin has to register the examiner and allocate the papers to be checked by the examiner.
4. The admin can track the paper bundle that is allocated to the examiner and get information about the status of the bundle.
- 5 . E-RAC is the paperless way of assessment of paper.

Screenshots of the Project



Applications:

1. All the examiners get an information about their remuneration in the E-RAC on single interface.
2. Paperless work of their RAC.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Medicine Guide

Domain (Area of Project): Web Technology



Name of Project Guide: Sayali Kadam

Name of Students :

15203C0007

Saurabh Bhandari.

15203C0026

Kedar Chendavankar.

15203C0027

Kaustubh Chendavankar.

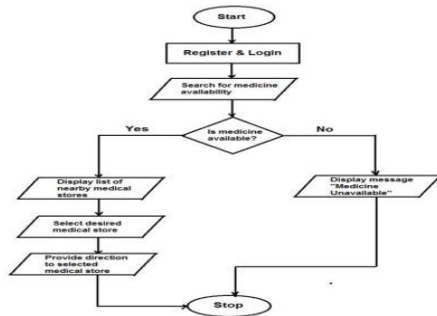
15203C0045

Pratik Kaushal.

Brief idea of Project:

Medicine guide is an end user mobile application which provides user with the direction to the nearest medical store for the given medicine. Our project aims to save the user's time to manually search for the medicine by automating the process.

Screenshots of the Project



Applications:

- Automated Medical Facility.
- Provides GPS Tracking.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Online Learning System

Domain (Area of Project): Web Technology



Name of Project Guide: Vaishali Malkar

Name of Students :

16203C1005

Fahad Shaikh

16203C1008

Anwarul Haque

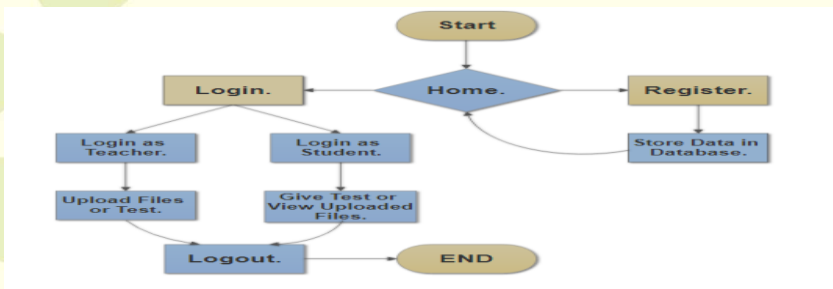
16203C1009

Gaurav Nazare

Brief idea of Project:

The project is E-learning to provide Online Education to the students in which the teacher can provide the students with educational Notes, PDF, Videos & also provide Online tests for the students.

Screenshots of the Project



Applications:

- Improve Educational Quality.
- E-book & online studies.
- New learning method.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Employee Goal Monitoring System

Domain (Area of Project): Web Technology



Name of Project Guide: Vishali Malkar

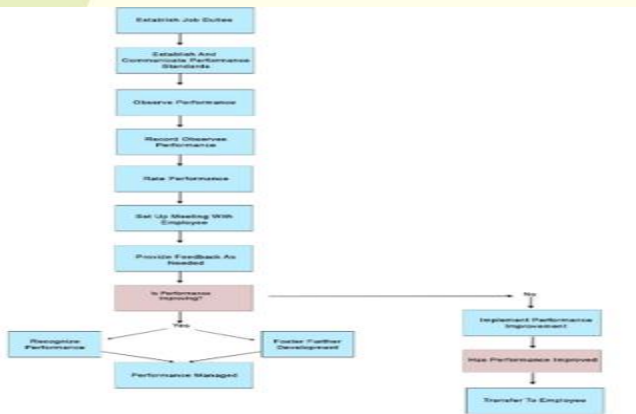
Name of Students :

14203C0008	Akshay Sawant
15203C0012	Siddhesh Sakpal
15203C0014	Suyash Desai
15203C0029	Mihir Lad

Brief idea of Project:

Project is about making a web application where application contains employee credentials and his goal assigned to the employee and admin user check for the completion of goal.

Screenshots of the Project



Applications:

- Proper Employee Management
- Employee Goal Assessment
- Employee Task Management

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Daily Attendance Record

Domain (Area of Project): Web Technology



Name of Project Guide: Prof. Prasad Koyande

Name of Students :
14203C0021 Pooja Kumthekar
14203C0061 Bhakti Sawant

Brief idea of Project: DAILY ATTENDANCE RECORD is software developed for daily student attendance in schools, colleges and institutes. It facilitates to access the attendance information of a particular student in a particular class. This system will also help in evaluating attendance eligibility criteria of a student.

Screenshots of the Project

Monthly Attendance Report																														
Student Name																														
Date																														
Month																														
Year																														
Project Title: Daily Attendance Record																														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31

Applications:

- Reduce paperwork and save time and money with web attendance management system.
- Eliminate duplicate data entry and errors in time and attendance entries.
- Easy attendance recording using web based attendance system.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Online Quiz

Domain (Area of Project): Web Technology



Name of Project Guide: Prof. Sudhir Lawand

Name of Students :

Brief idea of Project:

Almost all organizations now-a-days, are conducting their objective exams by online examination system, it saves students time in examinations. Organizations can also easily check the performance of the student that they give in an examination. It also helps the environment by saving paper.

Screenshots of the Project



Applications:

1. Login system must be present and secured by password.
2. Ability to save the answer given by the candidate along with the question.
3. Answer checking system should be available.
4. Could Update Profile
5. Log out after the over.
6. Admin Panel

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Online Shopping

Domain (Area of Project): Web Technology



Name of Project Guide: Sayali Kadam

Name of Students :

14203C0052

Harshit Soni

14203C0053

Tanmay Pawar

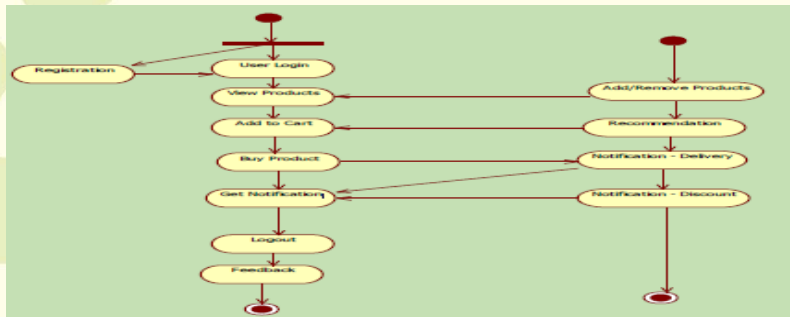
14203C0055

Saurabh Chavan

Brief idea of Project:

In this application we are collaborating the ease in online shopping and the sense of security money wise as well as for customer satisfaction while doing online shopping.

Screenshots of the Project



Applications:

Detailed information of product
Beneficial of distance shopping

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Hypervisor

Domain (Area of Project): Networking



Name of Project Guide : Vijay Patil

Name of Students :

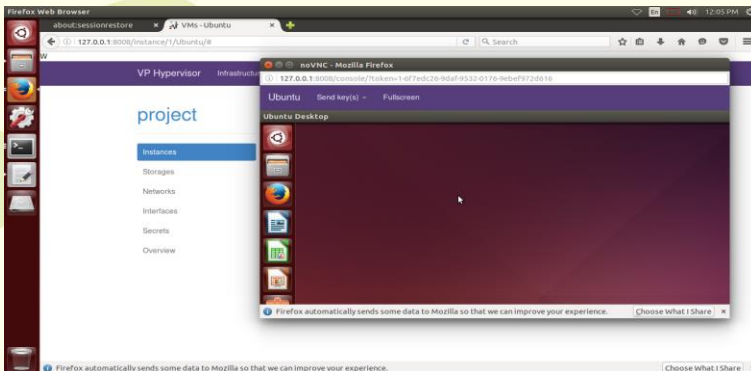
16203A1013
16203A1004
16203A1014
16203A1002

Ayush Jain
Sohil Gurung
Rhushikesh Deulkar
Dipesh Mishra

Brief idea of Project:

In today's data center, virtualization is a standard practice. Running a virtual machine in a physical desktop computers drastically slows down it's performance approximately by more than 50 percent. But what if a piece of software lets you run a virtual machine in a desktop computers with ease and provide its peak performance to the user. This software would be immensely useful for us, in addition to a lot of other people.

Screenshots of the Project



Applications:

Virtual Machines for Employees and students of an organization.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : W-Fi Firewall

Domain (Area of Project): Networking



Name of Project Guide: Supriya Kadam

Name of Students :

16203A1016

Rohit Gupta

15203A0057

Karan Patil

15203A0056

Omkar Kasulwar

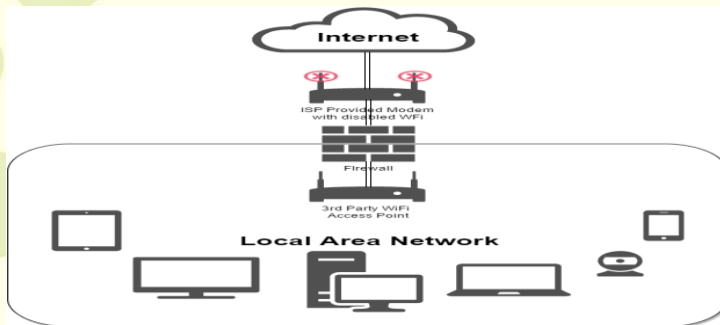
15203A0011

Poornank Shirke

Brief idea of Project:

This is an application based on linux operating system which provides router services with a firewall. It consist of user-friendly interface. It is an open source application which can be modified by anyone.

Screenshots of the Project



Applications:

It can be used as personal router and can be customized as per the requirements.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : File Retrieval System

Domain (Area of Project): Networking



Name of Project Guide: Sangeeta Wankhede

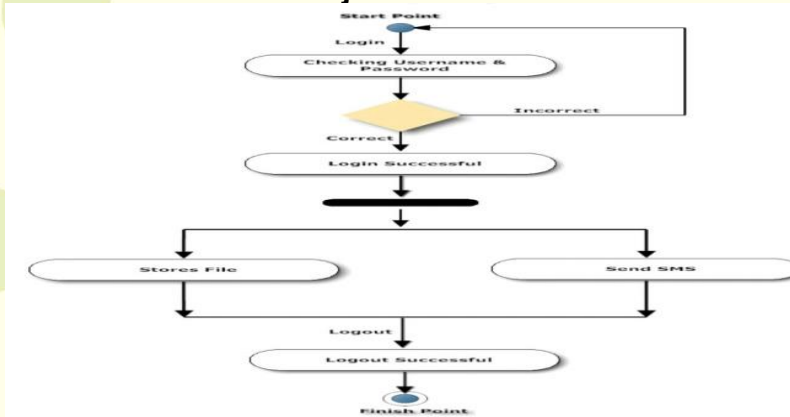
Name of Students :

15203A0005	Nachiket Sunil Kale
15203A0013	Yash Vijay Pawar
15203A0021	Tushar Balkrishna Dete
15203A0027	Adarsh Sunder Moolya

Brief idea of Project:

The purpose of the project is to search a file on remote machine by just sending a simple SMS and get that file mail it to user if found. The application will be kind of desktop application where it will check for new incoming SMS.

Screenshots of the Project



Applications:

- Automatically file is searched.
- It does not require any smart phones.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Online Blood Donation Management System

Domain (Area of Project): Database



Name of Project Guide: Sonal Gupta

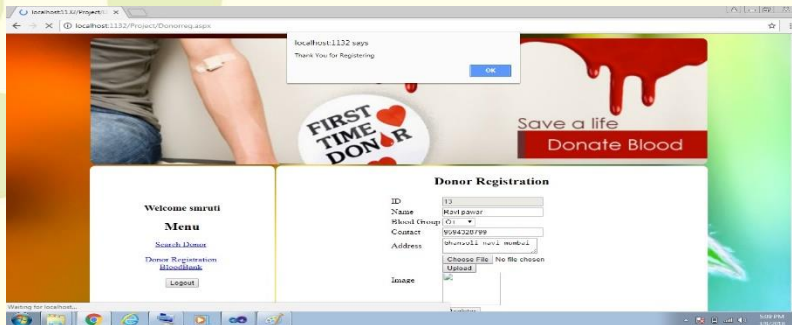
Name of Students :

15203A0022	TANUSHKA CHAVAN
15203A0034	PRANALI YADAV
16203A1006	SMRUTI SINGH
16203A1010	RAVINDRA PAWAR

Brief idea of Project:

The “Online Blood Bank System” is an online blood bank management system that helps in managing various blood bank operations effectively. The main aim of developing this system is to provide blood to the people who are in need of blood. The number of persons who are in need of blood are increasing in large number day by day. Using this system user can search blood group available and the user can also get contact number of the donor who has the same blood group he needs.

Screenshots of the Project



Applications:

- The system can be used for any blood providing organization.
- It can also be used in hospitals to provide doctors about the blood availability details in hospital.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Smart Travel App

Domain (Area of Project): Database



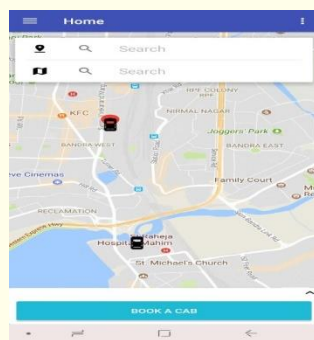
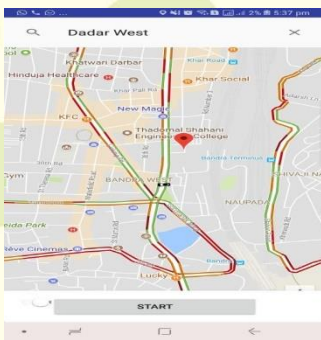
Name of Project Guide :

Name of Students : Sonal Gupta
15203A0004 Omkar Vaity
15203A0018 Shreeniket Vast
15203A0028 Mihir Adelkar
15203A0032 Onkar Chaudhari

Brief idea of Project:

Smart Travel App is an application that can be used for daily transportation it uses two android app one for the user another for driver . This both app will be connected over the internet and will use the GPS for getting the accurate location. This data is sent to database and then exchanged between the users.It also has a feature of booking cab if the vehicle is too far and there is an urgent of reaching to any place.

Screenshots of the Project



Applications:

This app can be used for daily transportation as well as School bus tracking . It tracks the vehicle location in real time and send it to the user.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Multi Trader Management System

Domain (Area of Project): Database



Name of Project Guide: Swati Ranade

Name of Students :

14203B0001 AEER SHUBHAM GANESH

14203B0018 JAIN PALASH SUNIL

14203B0029 DESALE ROHIT ARUN

14203B0018 PALASH JAIN

14203B0045 NIKHIL KARGUTKAR

Brief idea of Project: A powerful analysis and trading tools that enables you to design, execute and manage automated order strategies with ease

Screenshots of the Project

Account	Symbol	Qty	Type	Price	Buy	Sell	GTC	Stop Preview
ABCD1234	ES+Z16	1	LMT	211250				
Symbol	ES+Z16	NQ+Z16	YM+Z16	CL+Z16	ZN+Z16	ZN+Z16	6mF2100	6mC2150
Last	211375	466100	17942	4562	166250	130130	4032	0 0
Change	325	678	35	45	30	20	2	0 0
Direction	*****	*****	*****	*****	*****	*****	*****	*****
Bid Size	79	3	14	4	50	575	6	5 5
Bid	211350	466100	17941	4564	166250	130130	4032	6375 4700
Ask	211375	466125	17943	4565	166260	130135	4034	6500 4825
Ask Size	41	4	7	11	151	138	12	247 731
Open	211525	466125	17946	4578	166160	130095	4030	0 0
High	211700	466725	17967	4584	166260	130135	4034	0 0
Low	210900	465075	17903	4625	166160	130085	4022	0 0
Trade Volume	1	1	1	2	1	5	1	
Total Volume	57584	6664	6956	2491	4551	23270	545	0 0
Time	20:04:16	20:04:17	20:04:16	20:04:15	20:04:15	20:04:15	20:04:13	20:04:14 20:04:14
Open Interest	1446700	126038	60761	278891	561676	2812018	313925	0 0

Applications:

- This application can be used to watch and control trading operation s.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Travel Management

Domain (Area of Project): Database



Name of Project Guide: Supriya Angne

Name of Students :

14203B0005 Shivam Singh

14203B0039 Hitesh Srivastva

15203B0005 Pranay Gawade

15203B0009 Anuj Dubey

Brief idea of Project: Main Objective of this system is to provide Online Registration, Tour Package Information, Ticket Booking, Online Payment and Searching Facility for Customer and also Generate Different types of Report.

Screenshots of the Project



Applications:

- This application is used for booking tickets.
- Hotel booking enabled with proper review and details.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Recipe Aggregator

Domain (Area of Project): Database



Name of Project Guide: Supriya Angne

Name of Student :

12203B0187

11D620

14203B1008

13203B0046

Sanket Patil

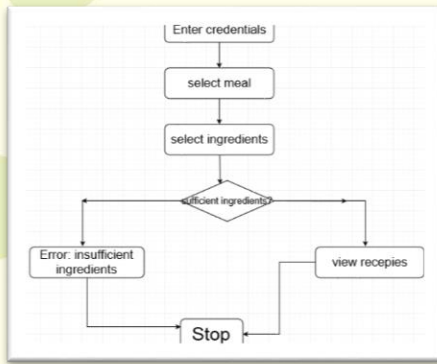
Ganesh Jadhav

Omkar Malandkar

Jitesh Patil

Brief idea of Project: Recipe Aggregator is a mobile application which enables user to select the ingredients available for cooking a meal and suggests the dishes which user can cook with those ingredients for a particular meal

Screenshots of the Project



Applications:

- This can be used to develop a commercial application that can be hosted on google playstore

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Canteen Management App

Domain (Area of Project): Mobile Applications



Name of Project Guide: Manisha Pokharkar

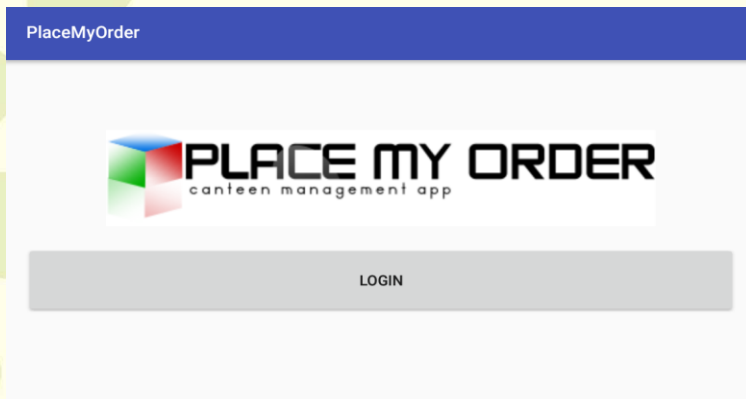
Name of Students :

14203A0046	Kumar Hule
15203A0003	Seeta Gaud
16203A1003	Pratiksha Gaiker
16203A1001	Vaishnavi Sugdare

Brief idea of Project:

Place My Order is an Android app built for canteen in which placing an order, online payment done within two minutes by using QR code. This app saves time and is helpful in crowded timings.

Screenshots of the Project



Applications:

- Lightweight Android app that runs fast.
- QR code makes authentication fast
- App saves user's timing while placing order at crowded time of canteen

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Car Parking System

Domain (Area of Project): Mobile Applications



Name of Project Guide: Supriya Kadam

Name of Students :

15203A0014

Dale Alphonso

15203A0016

Vineeth Prashant

15203A0019

Prachi Pradhan

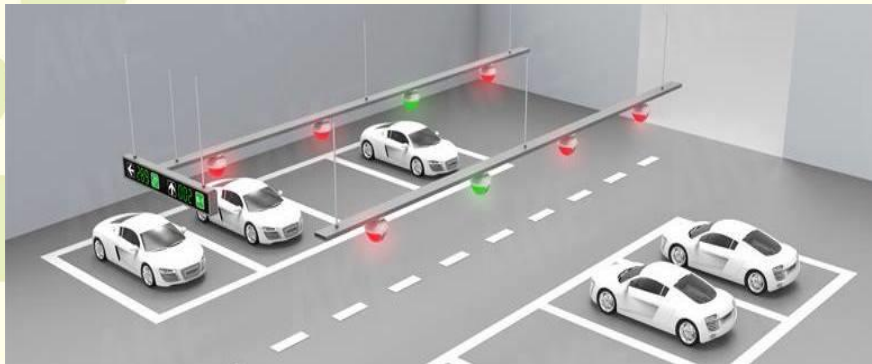
15203A0020

Sejal Jain

Brief idea of Project:

Smart Car Parking System is the android application based on Embedded System and RFID that will help user to analyze the parking area and number of slots free in that area. The user will be benefitted with easiest way to park the car.

Screenshots of the Project



Applications:

- Companies
- Shopping malls
- Hospitals, Colleges
- Restaurants

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Website for Crockery Mangement

Domain (Area of Project): Mobile Applications



Name of Project Guide: Manisha Pokharkar

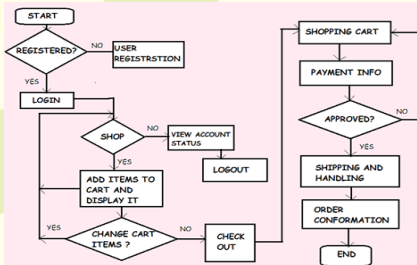
Name of Students :

14203A0008	Achrekar Tejal Hemant
15203A0010	Nirmal Nikita C.
15203A0036	Patil Aniket A.
15203A0046	Jaitapkar Aditya

Brief idea of Project:

This project is a web based for crockery shopping system for an existing company and an attempt to provide the advantages of online shopping to customers of a real shop.

Screenshots of the Project



Applications:

- The wide availability of goods and services for the consumer and Various types of crockery products are available for shopping .

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Student Attendance System

Domain (Area of Project): Mobile Applications



Name of Project Guide: Supriya Kadam

Name of Students :

15203A0042 Yogesh Dharendra Kamat

15203A0035 Ruchir Ramakant Tayshete

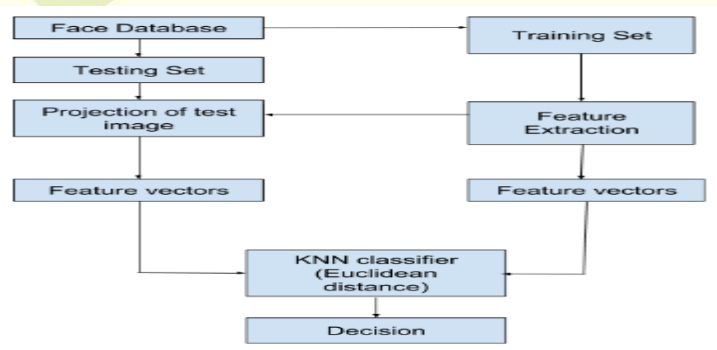
15203A0049 K.Narsi Venkat Redd

15203A0043 Jagruti Manoj Shinde

Brief idea of Project:

Daily attendance marking is a common and important activity in schools and colleges for checking the performance of students. Manual Attendance maintaining is difficult process. There is need of smart and automated attendance system. This project will describe the attendance system implementation using face recognition.

Screenshots of the Project



Applications:

- It excludes the use of paper work and human efforts.
- Automatically identify a person from a digital image

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Student Security

Domain (Area of Project): Mobile Applications



Name of Project Guide: Sunil Avhad

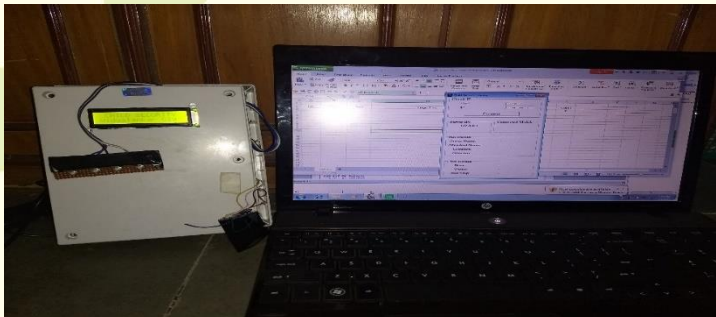
Name of Students :

15203A0015	Omkar Yendhe
15203A0017	Zil Shah
15203A0024	Saheb
15203A0037	Vaibhav Kale

Brief idea of Project:

In present time due to increase in number of kidnapping and road accident cases, parents always worry about their children. This project recommends an android based solution which assists parents to track their children location in real time. To track the location GPS module is used and to identify the identity of the child a biometric identification is used which is in built in the system. Whenever a child boards a bus, the biometric identification done in the bus and the system will identify the child and update log on server will send to the parents consisting the current location and time.

Screenshots of the Project



Applications:

For the security of the students who travelled by bus to school. It can be mounted in the school bus when the student enters the bus he will scan the fingerprint and the data will be updated on database and on the application.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Share India

Domain (Area of Project): Mobile Applications



Name of Project Guide: Swati Ranade

Name of Students :

15203A0058

Shaikh Nooruddin

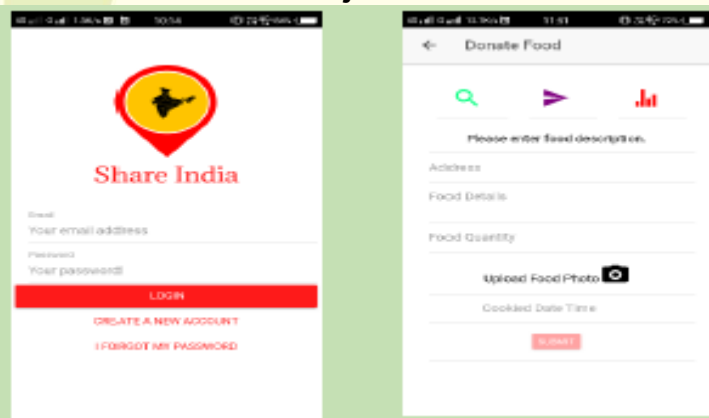
15203A0048

Wali Abbas Sayed

Brief idea of Project:

India ranks 100 out of 118 nations in the Global Hunger Index but around 67 tonnes of food is wasted every year (according to government study). With the intention of making the waste food available for the hungry population, we decided to develop this interface.

Screenshots of the Project



Applications:

- This application allows donors to send food pickup requests to NGOs or volunteers.
- Then the NGO will distribute the food accordingly.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Application for Blind Peoples

Domain (Area of Project): Mobile Applications



Name of Project Guide: Supriya Kadam

Name of Students :

15203A1018

Sanket Jadhav

15203A1023

Pratik Khadpe

15203A1024

Rahul Dhanawade

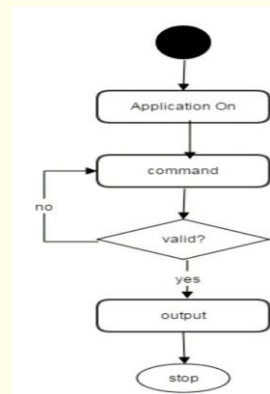
15203A1025

Ratneshwar wadkar

Brief idea of Project:

We made app for persons who surviving with physically disabilities, with this app blind persons can use technology like smart phones with their own voice to make call, text, and other important things in daily life. & Can send emergency sos to other people in situation of any accident.

Screenshots of the Project



Applications:

- 1.This application is to provide convenient user interface for visually impaired users.
- 2.Normal person can also use this application by just voice command to do some work.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : E-Campus

Domain (Area of Project): Mobile Applications



Name of Project Guide: Manisha Pokharkar

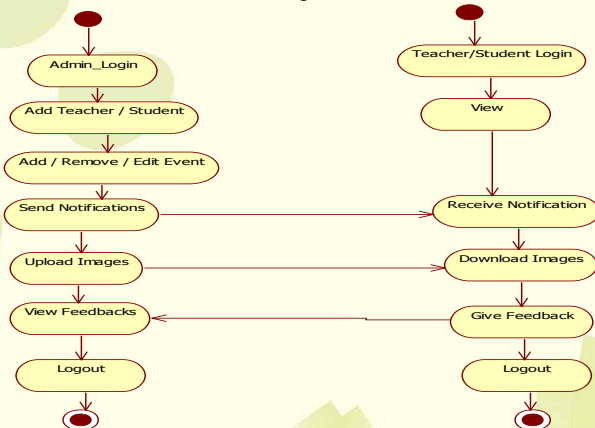
Name of Students :

Siddhesh Pawar	14203B0002
Prathamesh Apte	13203B0028
Siddhesh Chavan	13203B0035
Saniya Khan	15203B1014

Brief idea of Project:

e-Campus App is an Internet based Mobile Application that helps you access college notices on your Android phone. It buzzes you whenever any notice arrives.

Screenshots of the Project



Applications:

Used in any colleges , classes & etc

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Food Ordering System

Domain (Area of Project): Mobile Applications



Name of Project Guide: Sangeeta Wankhede

Name of Students :

15203B0037

Sapna Agrahari

15203B0052

Iqra Shaikh

15203B0033

Aarati Naikal

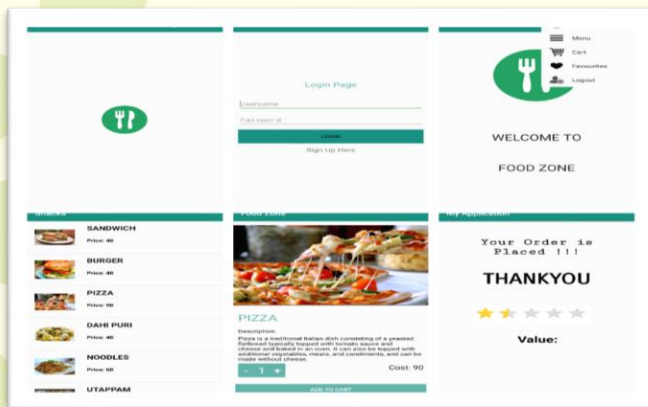
15203B0039

Tanvi Sonawala

Brief idea of Project:

Food ordering system is an android application which enables the user to view the menu and select the dish they want to order and submit it. The order will be placed and notification will be provided to user.

Screenshots of the Project



Applications:

- Canteen
- Single Restaurant

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Expense Manager

Domain (Area of Project): Mobile Applications



Name of Project Guide: Sangeeta Wankhede

Name of Students :

16203B1008

Aqib Qureshi

16203B1001

Kartik Chindarkar

16203B1015

Pranita Naik

15203B0045

Vinanti Boheer

Brief idea of Project:

Expense Manager is an android app for managing your expenses while you are on group trips or sharing money between friends in day to day life. The app this divided into two modules:

- Split expenses :- It splits bills in equal number of people
- Daily expenses :- You can add your daily expenditure so that you can keep track of all your friends separately.

Screenshots of the Project



Applications:

It can be used by anyone to manage their expenses.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Time Table Remainder App

Domain (Area of Project): Mobile Applications



Name of Project Guide: Manisha Pokharkar

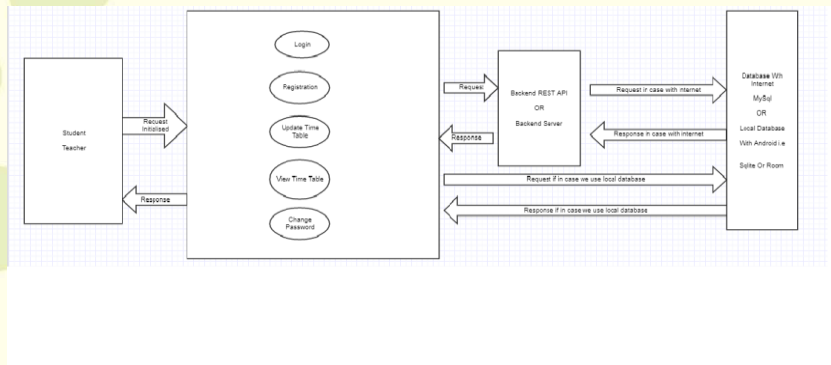
Name of Students :

15203B0032	Komal Kadam
15203B0011	Riya Shinde
15203B0031	Umairah Fodkar
15203B007	Aparna Kharat

Brief idea of Project:

The application remind us of any event/task we mark on it. It reminds us about lecture time, etc. The details of the user will be stored in the database and alert the user 5minutes before.

Screenshots of the Project



Applications:

School
Colleges

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Bus Tracking System

Domain (Area of Project): Mobile Applications



Name of Project Guide: Supriya Kadam

Name of Students :

15203B0030	Aditi.Pawar
14203B0052	Ruchi.Tarde
16203B1004	Siddhesh.Jadhav
15203B0059	Siddhesh.Desai

Brief idea of Project:

The project is about how a user can know the arrival of the bus at a particular bus stop. The driver is responsible for this event to happen. So the user can get the information about any buses

Screenshots of the Project



Applications:

It can be used in any bus module system like, tourism, school bus.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Learning Application

Domain (Area of Project): Mobile Applications



Name of Project Guide: Sonal Gupta

Name of Students :

14203B0053	Divyesh Pawar
15203B0017	Rutvik Narvekar
15203B0021	Abhishek Pandey
15203B0026	Saud Bagban

Brief idea of Project:

The “Learning Application” has been developed to override the problems prevailing in the practicing manual system. This software is supported to eliminate and in some cases reduce the hardships faced by this existing system. .

Screenshots of the Project



Applications:

This application is used for learning purpose and can also be used for certain Examinations that could be held in institutes and colleges

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Student Feedback System

Domain (Area of Project): Mobile Applications



Name of Project Guide: Supriya Kadam

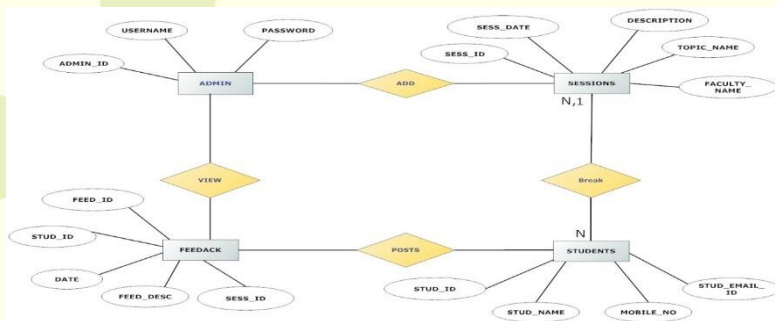
Name of Students :

15203B0025 Chinmay Ghosalkar

Brief idea of Project:

The aim of this research is to develop a systematic, coordinated, and responsive database which will adequately interact with a web application by harnessing the strengths of computational science and biometrics. This project mainly concentrates on student feedback on various session conducted by the college. In today's world of data communication a client tool for a portable system becomes important to access and update a database Innovative thinking helps us to improve the existing system.

Screenshots of the Project



Applications:
For College

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Attendance Management System

Domain (Area of Project): Mobile Applications



Name of Project Guide: Manisha Pokharkar

Name of Students :

15203B0048

Raj Mishra

15203B0042

Vishal Gupta

15203B0036

Prasad Ghorpade

Brief idea of Project:

Attendance Management System is a software developed for daily student attendance in schools, collages and institutes. It facilitates to access the attendance information of a particular student in a particular class.

Screenshots of the Project



Applications:

Our daily recording of attendance provides accurate and timely summaries week in and week out. Reworks to overcome entry errors are rare.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Location Based Profile Manager

Domain (Area of Project): Mobile Applications



Name of Project Guide: Vijay Patil

Name of Students :

Lokesh Ojha	16203B1012
Akshay Mandawad	16203B1006
Mehtabalam Khan	16503B1010
Sushant Baperkar	16203B1003

Brief idea of Project:

The PROFILE MANAGER Application is a Location Based system which will make use of GPS to track the mobile phone and change the settings as per the user's choice.

Screenshots of the Project



Applications:

This Application is especially developed for students who employ doctors and many others to change phone setting automatically(eg. Wi-Fi, Silent, SMS etc.)

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Online Course Registration

Domain (Area of Project): Mobile Applications



Name of Project Guide : Prof. Vijay Patil

Name of Students :

15203B0018 – Ridham Soni

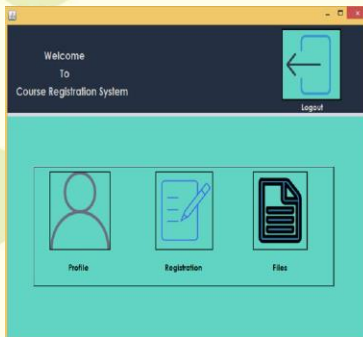
15203B0016 – Siddhesh Kadam

15203B0014 – Yash Indulkar

15203B0006 – Himanshu Nautiyal

Brief idea of Project: Our Course registration form allows you to submit your course preferences quickly and conveniently. Manual work is reduced to a large extent. The task of maintaining huge data can now be accomplished with a few button clicks.

Screenshots of the Project



Applications: Schools, Colleges, Online Training programs

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Mumbai Fire Brigade App (iOS)

Domain (Area of Project): Mobile Applications



Name of Project Guide: Prasad Koyande

Name of Students :

16203C1004

ANIKET MANJRAKER

16203C1006

DEEPAK CHAURASIYA

15201A0031

SAILEE SAWANT

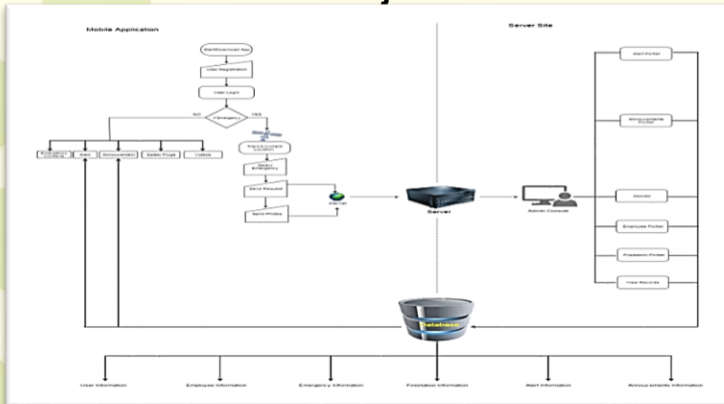
15203C0042

PRABHAT DUBEY

Brief idea of Project:

In case of Emergency like fire or natural disaster this app is very useful to inform the fire brigade. This App facilitate to send live images of the incident to control room which will help the department to plan the rescue operation

Screenshots of the Project



Applications:

To Mumbai Fire Brigade Department

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Vigilant For Disaster Management

Domain (Area of Project): Mobile Applications



Name of Project Guide: Prof. Prasad Koyande

Name of Students :

15203C0052 Siddiqui Abdul Hannan

15203C0031 Khan Samad

15203C0051 Saroj Ajay

15203C0034 D'souza Alan

Brief idea of Project:

The system is an early precursor that collects and analyzes real-time news of events such as terrorist attack, landslides , cloud bursting , fire, flood, earthquake , waterlogging, pollution, chemical hazard , etc. from Twitter and detects a target event.

Screenshots of the Project



Applications:

Providing Municipal corporation of greater Mumbai (MCGM) a tool that will monitor disaster related news and them in finding the fake news if any.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --
Participated in State Level Paper Presentation at VPM, Thane
Participated in Region Level Paper Presentation at Saboo Sidhik Polytechnic, Byculla
Participated in National Level Paper Presentation at Pune.

Department of Computer Engineering

Project Title : Smart Ambulance

Domain (Area of Project): Mobile Applications



Name of Project Guide: Prof. Prasad Koyande

Name of Students :

15203C0040 - Dishank Tiwari

15203C0056 - Chinmay Kadam

15203C0044 - Vikas Dadhich

Brief idea of Project:

We have made a user friendly android application through which ambulance doctor can easily fill basic details and medical information into the form and send it to a particular hospital. It will also send patient's live data such as ECG, Pulse rate and body temperature from ambulance to the hospital.

Screenshots of the Project



Applications:

Provide easy interface to the Ambulance Doctor (Medic) to enter Patients Data

Can be used by Ambulance Doctor (Medic) to send the patient details along with live data such as ECG, Pulse Rate and Body Temperature to the hospital.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --
Participated in MSBTE Project Competition
Participated in National Level Project Competition, Pune

Department of Computer Engineering

Project Title : College Selector App

Domain (Area of Project): Mobile Applications



Name of Project Guide: Sayali Kadam

Name of Students :

14203C0052

14203C0053

14203C0055

HARSHIT SONI

TANMAY PAWAR

SAURABH CHAVAN

Brief idea of Project:

After your 10th or while doing it you need to visit many colleges for your further future planning. And you waste your lot of time in visiting many of the colleges and campuses and what not.

Screenshots of the Project



Applications:

- It is easy to use.
- It is a safety application.
- Used by anyone irrespective of age and gender.
- Used in case of an emergency.
- Can be used anytime.
- Used to lower the number of crimes

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Virtual Chemistry Lab

Domain (Area of Project): Desktop Applications



Name of Project Guide : Poonam Pandire

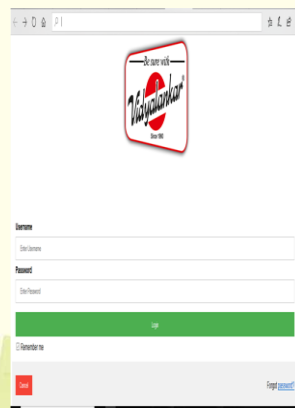
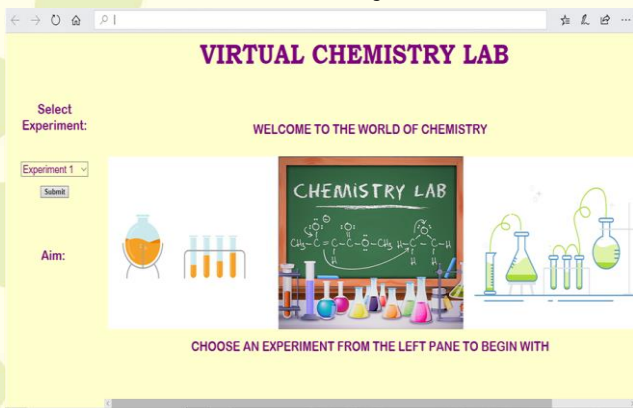
Name of Students :

Rishikesh Shete	15203A0009
Prithvi Sunchu	15203A0038
Akshay Galgali	15203A0050
Prem Bhajaj	15203A0051

Brief idea of Project:

Virtual Chemistry Lab is a simulator which provides students to perform experiments anywhere and anytime. V.C.L also provides set of numerous chemicals and their properties and their reaction with other chemicals.

Screenshots of the Project



Applications:

Simulation and demonstration of experiments to students of first-year. It also simulates some of the experiments that are not possible in real life.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Library Management System

Domain (Area of Project): Desktop Applications



Name of Project Guide : Sonal Gupta

Name of Students :

15203B0043
15203B0002
15203B0060
15203B0044

Ajinkya Jadhav,
Prathamesh Kadam,
Janak Dhokrat,
Jaime Carvalho.

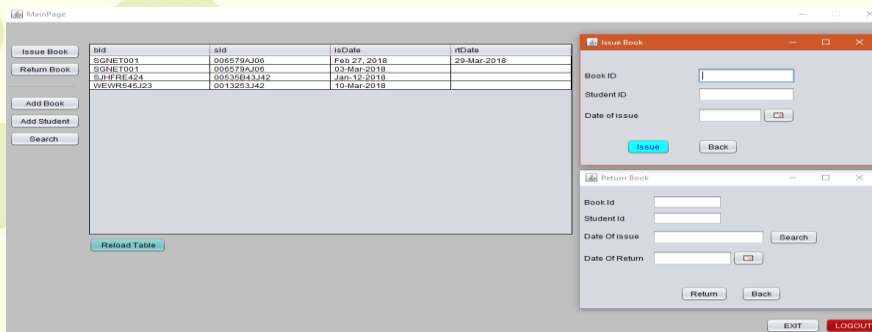
Brief idea of Project:

This Desktop application allows you to keep track and manage your school library.

-Issuing and returning of books is taken care of by this software making it easier for you to manage your library books.

-Barcode scanner is used to input data to make the process quicker.

Screenshots of the Project



Applications:

School and Educational institute Libraries.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Visitor ID

Domain (Area of Project): Desktop Applications



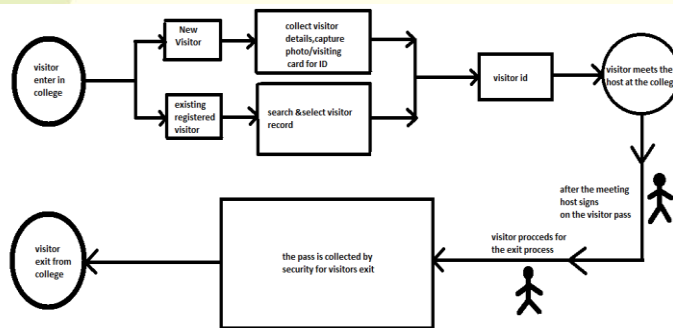
Name of Project Guide: Manisha Pokharkar

Name of Students :
16203B1002 Mayur Borge
16203B1013 Ambar Patil
16203B1007 Sarvesh Desai

Brief idea of Project:

This web application is use to create a temporary id for visitors who wants to visit our college.

Screenshots of the Project



Applications:

Use in college, business sectors

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Antivirus and Malware Detector

Domain (Area of Project): Desktop Applications



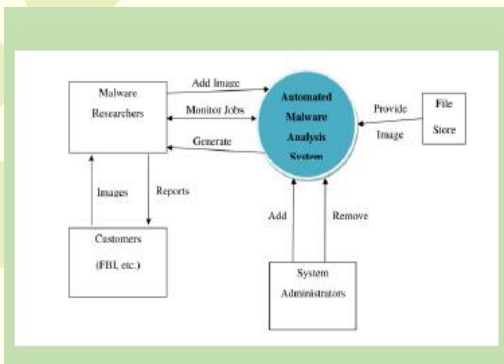
Name of Project Guide: Swati Ranade

Name of Students :

15203B0050	Ismail Surya
13203B0047	Durvish Shendge
13203B0057	Namrata Waghmare
15203B0027	Ashraf Hashmi

Brief idea of Project: It identifies and Protect applications from malware.

Screenshots of the Project



Applications:

- Protection from spam
- Protection for your acquaintances
- Makes sure there's nothing to infiltrate your device.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Inventory Management System

Domain (Area of Project): Desktop Applications



Name of Project Guide: Supriya Angne

Name of Students :

14203B0009 Jay Mulye

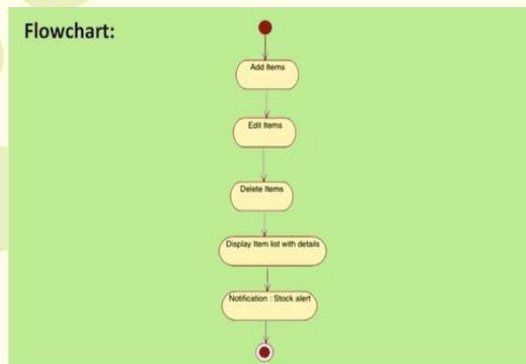
14203B0010 Prashil Raorane

12203B0125 Akshay Vairagi

13203B0017 Suyash Naik

Brief idea of Project: It is software for tracking Inventory level ,orders ,sales and handling databases.

Screenshots of the Project



Applications:

- Telecomm Industries
- Banking industries

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Class Time Table Generation System

Domain (Area of Project): Desktop Applications



Name of Project Guide: Prof. Sudhir Lawand

Name of Students :

Sumit 16203C1003

Suraj 15203C0054

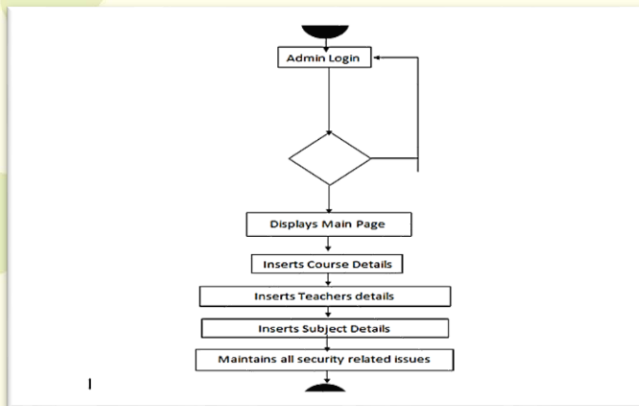
Mahesh 15203C1020

Jagdish 15203C0033

Brief idea of Project:

Planning timetables is one of the most complex and error-prone applications. There are still serious problems like generation of high cost time tables are occurring while scheduling and these problems are repeating frequently. Therefore there is a great requirement for an application distributing the course evenly and without collisions.

Screenshots of the Project



Applications:

Automatic Time Table Generator, our software allows users to generate time table for newly occurring changes in less time, with less effort and with more efficiency. It will allow users to work on and view time tables in different platforms and view different information simultaneously.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Controller for Game

Domain (Area of Project): Embedded System



Name of Project Guide: Manisha Pokharkar

Name of Students :

15203A0001

Tirthaj Rikame

15203A0006

Aditya Khavanekar

15203A0029

Atharv Dalvi

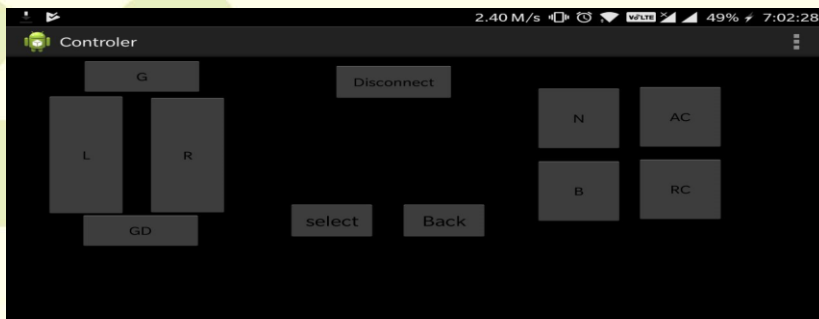
15203A0030

Siddhesh Mahadik

Brief idea of Project

This Application represents how PC and Laptop can be controlled from remote place with smartphone using wifi. It basically turns your smartphone into joystick. By accessing the IP address of PC, we can establish a connection between them using Wi-Fi connection. This application not only turns your smartphone into wireless keyboard and mouse but it also provides joystick which can be used for playing games.

Screenshots of the Project



Applications:

To play a game on PC without any need of Actual Game Controller (Hardware)

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Finger Print Based ATM System with OTP

Domain (Area of Project): Embedded System



Name of Project Guide : Poonam Pandire

Name of Students :

15203A0045

Aditi Bane

15203A1027

Indira Kachway

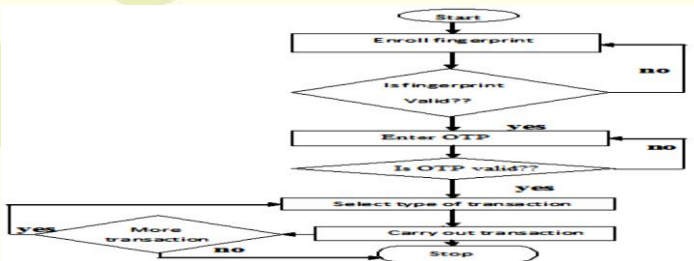
13203A0027

Avina Naik

Brief idea of Project:

- Fingerprint Based ATM is a desktop application where fingerprint of the user is used as an authentication medium.
- Instead of using ATM card Fingerprint based ATM is safer and secure.
- The user has to register using his fingerprint and login with fingerprint. The user can withdraw money from his account In order to withdraw money user has to enter the amount he want to withdraw.
- The user **must** have appropriate balance in his ATM account to do transaction.

Screenshots of the Project



Applications:

- System is more secure than ATM card.
- User can make transaction using his fingerprint anywhere and at any time he need not have to carry ATM card.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Ambulance Tracking System

Domain (Area of Project): Embedded System



Name of Project Guide: Sangeeta Wankhede

Name of Students :

16203A1005

Vivek Khade

16203A1009

Akhilesh Bhayye

16203A1011

Nikhil Raote

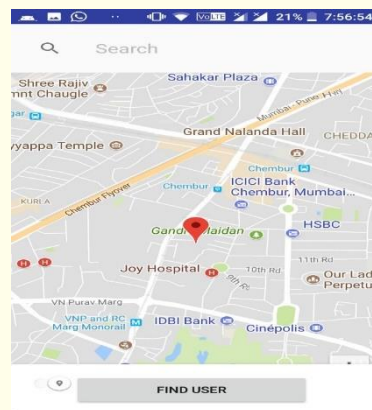
16203A1012

Dastagir Nadaf

Brief idea of Project:

Saving peoples live is the most important in today's world. The best way to save lives is to have an ambulance system which is effective and can be reachable to the user, this paper gives the solution which focus to make the ambulance available to a nearby user in the least possible time which will help save many lives.

Screenshots of the Project



Applications:

This project's main function is GPS based Ambulance Tracing and booking Ambulance at just a touch.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Student Documentation Data Card

Domain (Area of Project): Embedded System



Name of Project Guide: Supriya Kadam

Name of Students :

Jasman Singh Lamba 15203A0012

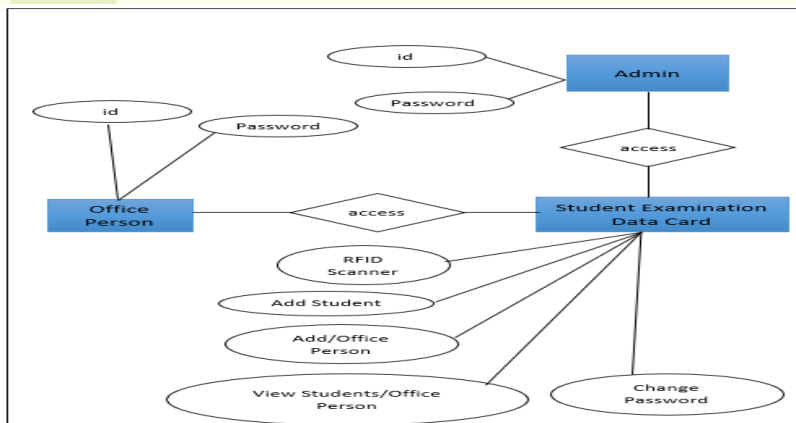
Yash More 15203A0002

Daneshvar Hirananeek 15203A0008

Brief idea of Project:

The “**Student Documentation Datacard**” will make a complete information detail about each individual student. The admin will get a list wise view of all the students with their UIN(unique for all the students). The user will get the details in one card.

Screenshots of the Project



Applications

- Feasible, Efficient and Secure application.
- Easy to access web portal of respective entity.
- Use of QR (Quick Response) code to mark student attendance. Fully Offline system.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Fuel Station using RFID

Domain (Area of Project): Embedded System



Name of Project Guide : Poonam Pandire

Name of Students :

15203B0008

15203B0062

16203B1014

15203B0056

SHAIKH MOHD TARIQ

NAOMI MHATRE

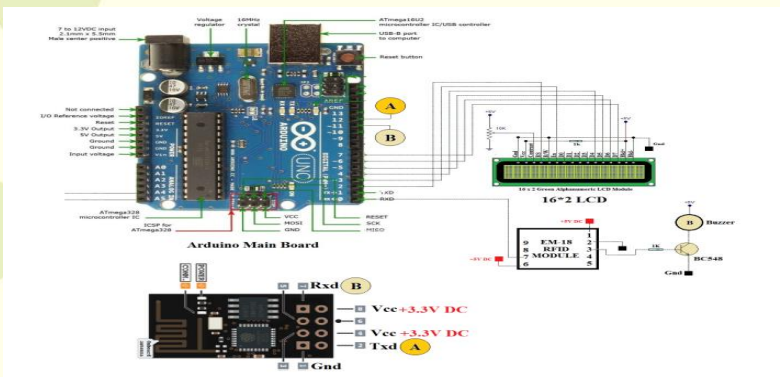
APARNA TEMKAR

ANIKET KULKARNI

Brief idea of Project:

This web application is used to check the valid and invalid registration or puc of the vehicle

Screenshots of the Project



Applications:

Used at Fuel Station

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Bluetooth Controlled BOT using Arduino

Domain (Area of Project): Embedded System



Name of Project Guide: Sangeeta Wankhede

Name of Students :

16203B1009

Rohit Sinha

15203B0012

Tanmay Ambekar

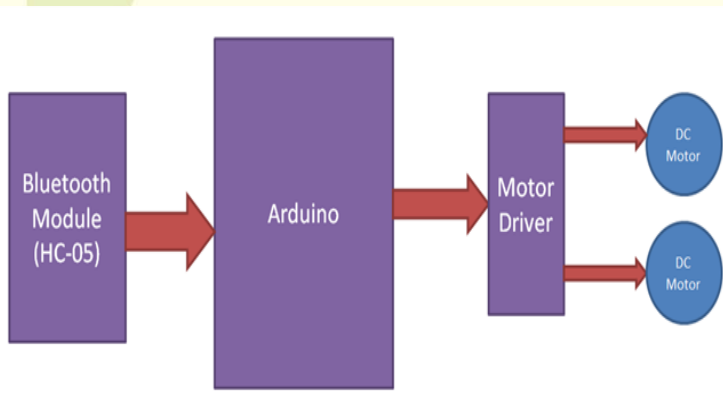
15203B0061

Sumit Singh

Brief idea of Project:

The purpose of this project is to design and implement a compound robot. The main intent of this project is to design and bring about a robot prototype by using Arduino Uno, Motor Driver L293D, HC05- Bluetooth module and to procure the goal of this project.

Screenshots of the Project



Applications:

With few additions and modifications, this robot can be used for Spying, for detecting and disposing hidden land mines in the Borders, Reconnaissance or Surveillance, Home Automation, Wheelchairs, Military Applications & Hostages Rescue.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Grocery Shopping using NFC

Domain (Area of Project): Embedded System



Name of Project Guide: Supriya Kadam

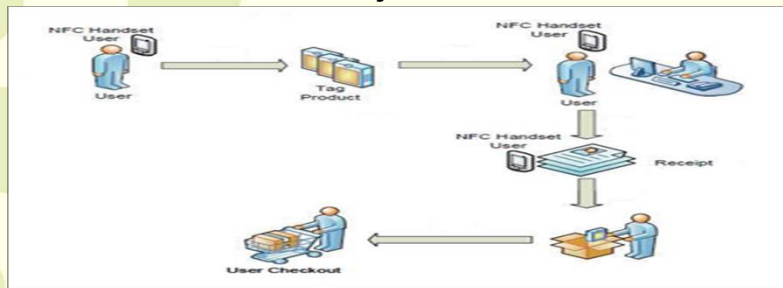
Name of Students :

15203B0004	Indrabhushan Jaiswar
15203B0024	Sanket Kamble
15203B0029	Pranav Halder
15203B0049	Nirav Savla

Brief idea of Project:

It is an Android based M-commerce application using NFC. NFC stands for Near Field Communication technology which is a short-range, high frequency, low bandwidth radio technology that allows transferring data within few centimeters. In traditional shopping, the customer needs to physically pick up the items to be purchased and carry cash or credit/debit cards with them to make payments. The application mentioned here would read the NFC tag(s) of the product(s) & add it to the shopping cart in our application.

Screenshots of the Project



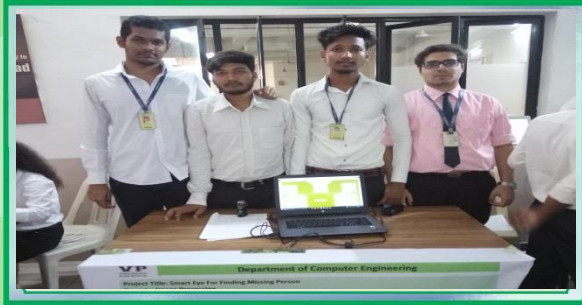
Applications:
Grocery Shop

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Smart Eye for Finding Missing Person

Domain (Area of Project): Embedded System



Name of Project Guide: Prof. Sayali Kadam

Name of Students :

15203C0050 - Shamsher Shah

15203C0017 - Inzemam Ansari

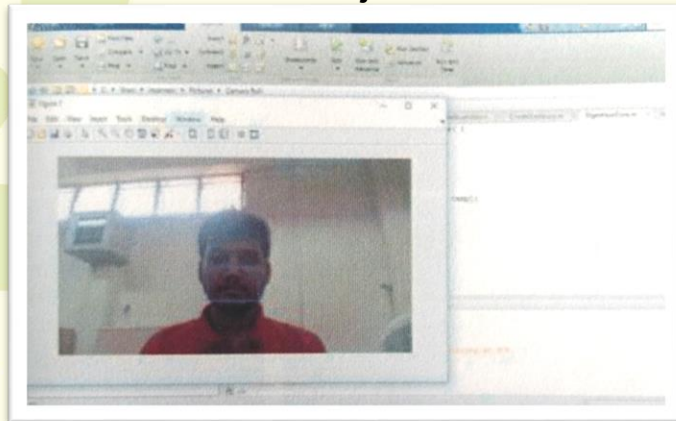
15203C0053 - Freddy Damania

15203C0028 - Nisit Kotain

Brief idea of Project:

Project is about face detection system with face recognition for finding the missing persons. Principal Component Analysis (PCA) is algorithm is used for face recognition using Eigen faces.

Screenshots of the Project



Applications:

1. Compares features of image displayed in figure with features in database.
2. Helps in finding out stranger or unknown person as it can compare dimensionally by converting image in form of vector.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : IOT Based Vehicle Street Light Management

Domain (Area of Project): Embedded System



Name of Project Guide: Sneha Patange

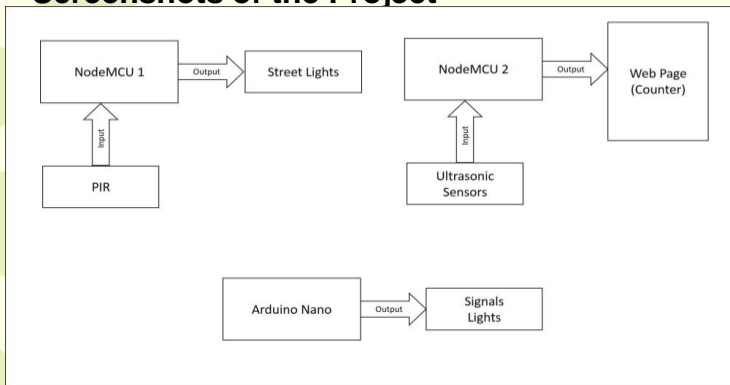
Name of Students :

Prince Choudhary	15203C0025
Saurabh Phansekar	15203C0003
Vaibhav Rane	15203C0046
Shubham Jadhav	15203C0001

Brief idea of Project:

IOT based automatic street light system does not need any manual control of turning ON and Dim of street light. This system detects movement of Car and increases the intensity of light. This change of intensity is taken in counter and is displayed on the web for the analysis, which is a useful data for the industries.

Screenshots of the Project



Applications:

1. Automatic Street Lights on Highway.
- 2.Alert System in Tunnel.
- 3.Virtual wall from LED on signal.
- 4.Analysis of Vehicle

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Virtual Lab

Domain (Area of Project): Embedded System



Name of Project Guide: Sneha Patange

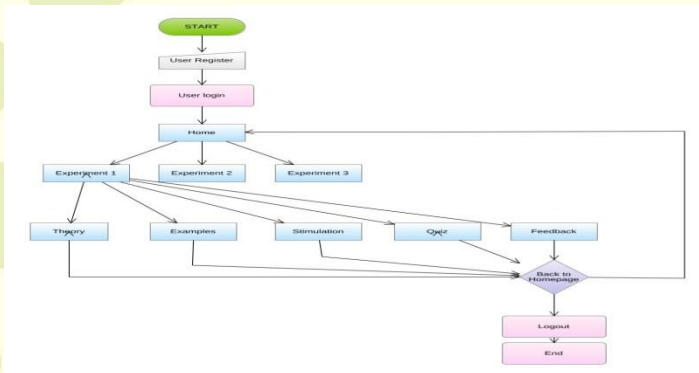
Name of Students :

15203C0020	MINAL DANGE
15203C0009	ANJALI CHAURASIYA
15203C0008	VISHAKHA KULKARNI
15203C0004	MANDAR SAWANT

Brief idea of Project:

The Main Motto of Making Project on “VIRTUAL LAB” is to make students reliable to their studies and lab assignments, which will help them to understand the subject. This facilitates the absorption of basic and advanced concepts through remote experimentation.

Screenshots of the Project



Applications:

- Access to quality labs to those engineering colleges that lack these lab facilities.
- A complete Learning Management System.
- Teacher-training and skill-set augmentation.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Aadhar Enabled Biometric Attendance System

Domain (Area of Project): Embedded System



Name of Project Guide: Vaishali Malkar

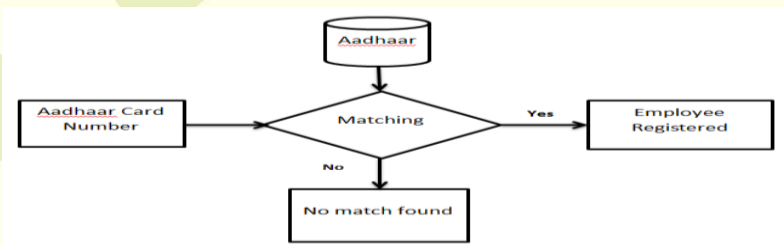
Name of Students :

15203C0047	Manish Kanade
5203C0041	Noman Khan
15203C0057	Pramod Holkar
15203C0038	Abhijeet Patil

Brief idea of Project:

The overview of a Aadhaar Enabled Attendance System is that it will access the data stored in the database of Aadhaar card for Employee Registration. The registration of Employee is done by providing Aadhaar Number to Software and then the Employee details is fetched from Aadhaar database without any documentation process. After the Employee is registered successfully he can register his/her attendance that will be stored in the database. This system has been developed in Microsoft Visual Studio 2015 with the help of VB.NET as front end and MySQL Server 2014 as back end.

Screenshots of the Project



Applications:

- Realtime Attendance
- Prevent false attendance
- Prevent proxy punching due to linking with Aadhaar data
- No data loss, since all the data is stored on government server only.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Green House
Domain (Area of Project): Embedded System



Name of Project Guide: Prasad Koyande

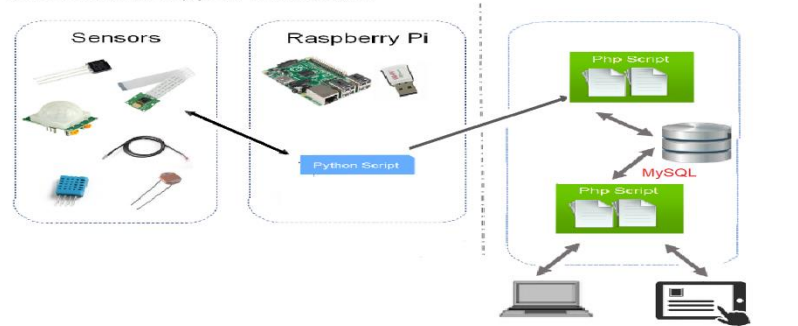
Name of Students :
15203C1001 Sumesh Sonawane
15203C1019 Ankita Hulawale

Brief idea of Project:

Monitoring the vital parameters of a greenhouse namely temperature and soil moisture through Internet of things (IOT) technology. This project proposes a wireless monitoring and control system for greenhouse based on Raspberry Pi and Android smart phone for solving the problems such as poor real time data monitoring, excessive manpower requirement and to overcome the shortcoming of the wired system such as complex wiring.

Screenshots of the Project

Greenhouse App Architecture



Applications:

The application are this system used in green houses to control the vital parameters of environment fir the proper growth of plants,which is our main application.With slight changes this project can be used in Mechanical companies to measure various parameters of operating machines like temperature and light

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : IOT Based Liquid Monitoring System

Domain (Area of Project): Security



Name of Project Guide : Prof. Ketan Bagade

Name of Students :

15203C0005 – Bhagyesh Patekar

15203C0035 – Shubham Patil

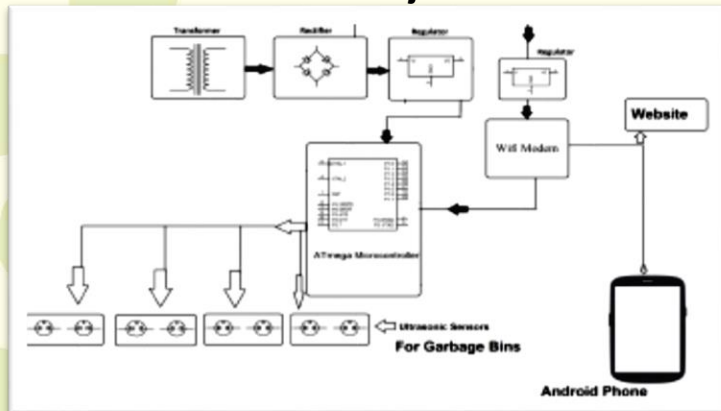
15203C0016 – Girish Yeldi

15203C0005 – Amit Verma

Brief idea of Project:

IoT based Liquid Level Monitoring System which will inform the user about the level of liquid and will prevent it from overflowing.

Screenshots of the Project



Applications:

1. Industry automation and process control software
2. Mastering the complexity of the application

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Automatic Bottle Filling System

Domain (Area of Project): Security



Name of Project Guide : Ketan Bagade

Name of Students :

12203C0141

13203C0024

13203C0032

Shreyash Bhoite

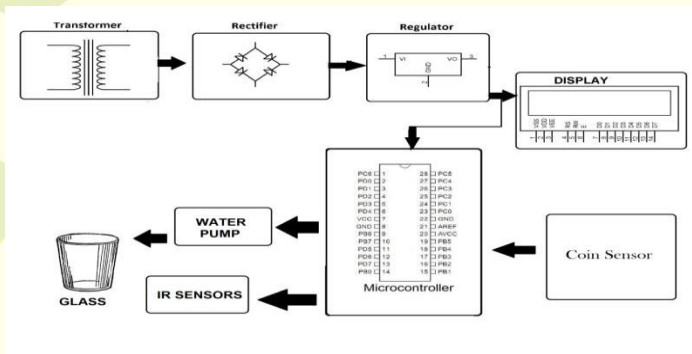
Sagar Udmale

Sushant Rasal.

Brief idea of Project:

Here we put forward a fully automated coin based water dispenser system using microcontroller and sensor. The system is capable of fully automated water/cola dispensing using motors and sensors. The system also senses if glass is placed at the counter to avoid water spoilage.

Screenshots of the Project



Applications:

Automated Water Filling System.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Department of Computer Engineering

Project Title : Vehicle Tracking with Fuel Availability

Domain (Area of Project): Security



Name of Project Guide: Ketan Bagade

Name of Students :

15203C0006

Anchiti Ghadi.

15203C0032

Roshni Lohana.

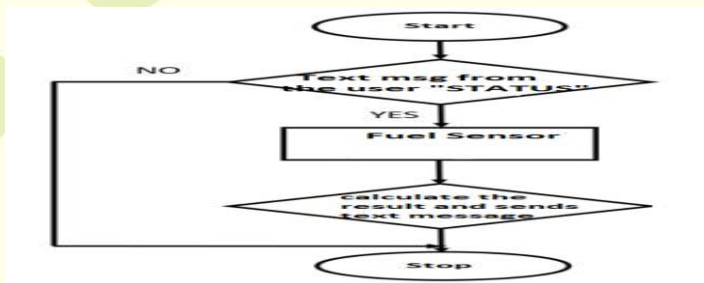
15203C0048

Harshada Kini.

Brief idea of Project:

We are implementing a IOT based fuel monitoring and vehicle tracking system. We have used the liquid water level sensor (Funduino) for sensing the amount of fuel filled in the vehicle and amount of fuel consumed. We have also used GSM SIM900 and GPS receiver for tracking the location of vehicle. All this sensor, GSM and GPS receiver are connected to Arduino UNO R3 microcontroller. Whenever the user wants to check the status of vehicle they have just to type a text message "STATUS" by texting this in a normal text box the user will receive the appropriate status of vehicle.

Screenshots of the Project



Applications:

- Asset tracking.
- Preventive Maintenance.
- Save on Fuel .
- Thieft Tracking System.

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify: --

Final Year Project Committee
Department of Computer Engineering



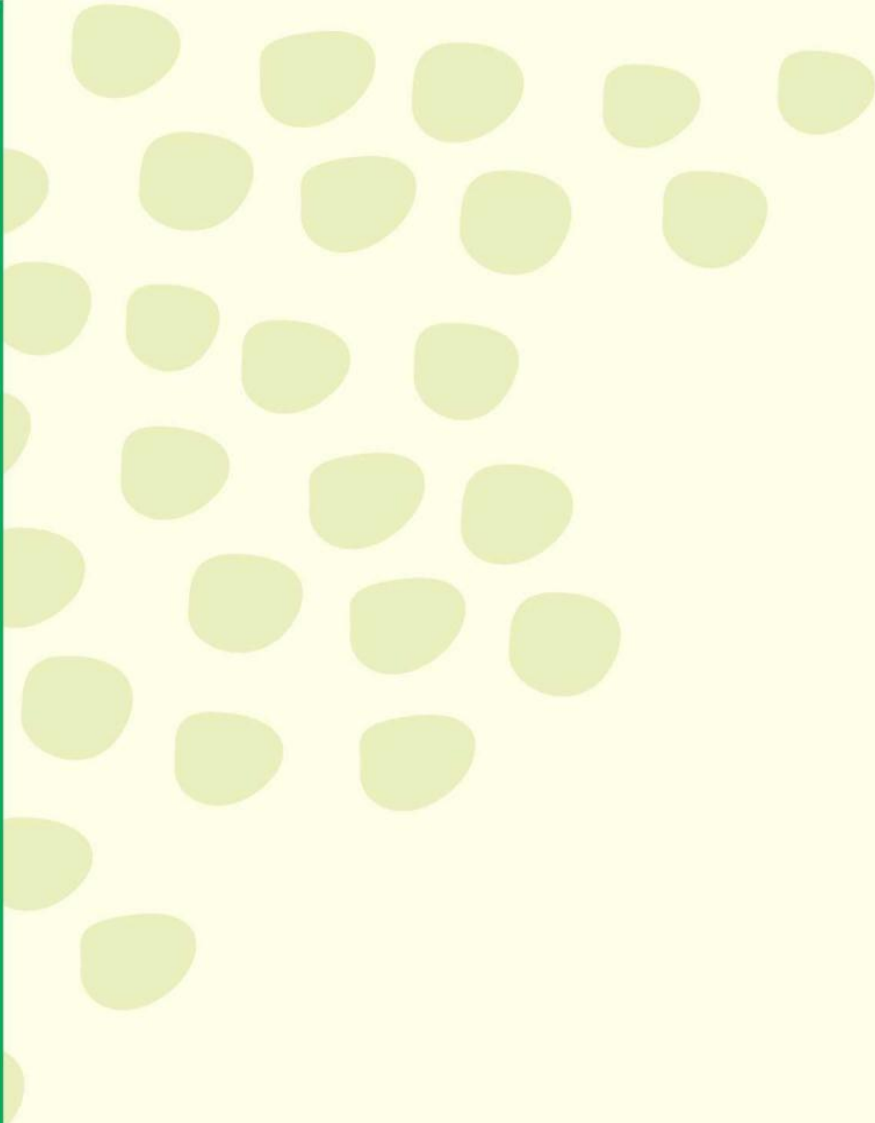
Vijay T. Patil



Supriya Angane



Prasad Koyande



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