

Program: Computer Engineering (NBA Accredited)

2020-2021



Accredited By: National Board of Accreditation, New Delhi



















Pretace

- 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 undergraduate 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 Computer Engineering, Information Technology, Electronics and Telecommunication Engineering.
- The college has excellent infrastructure for Classrooms, 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 2021

"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 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.

Vision

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

Mission

- Encouraging academic excellence and a passion for learning through the use of learner-oriented teaching methodologies.
- Providing an environment that inculcates ethics and effective soft-skills and focuses on the development of learners.
- Establishing and reinforcing a symbiotic instituteindustry interface so that learners can gain exposure to real-life applications of Information Technology.

Program Educational Objectives

PEO 1: To empower the students to apply their knowledge of various domains and cultivate a habit of life-long learning in them.

PEO 2: To develop the students' overall personality and thereby encourage just social behaviour in the students.

PEO 3: To provide an exposure to the industrial environment so as to keep them abreast with new trends.



PO1: Basic and Discipline specific knowledge: Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.

PO2: Problem analysis: Identify and analyse well-defined engineering problems using codified standard methods.

PO3: Design/ development of solutions: Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.

PO4: Engineering Tools, Experimentation and Testing: Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.



PO5: Engineering practices for society, sustainability and environment: Apply appropriate technology in context of society, sustainability, environment and ethical practices.

PO6: Project Management: Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.

PO7: Life-long learning: Ability to analyse individual needs and engage in updating in the context of technological changes.

Program Specific Outcomes

PSO1: Computer Software and Hardware Usage: Use state-of-the-art technologies for operation and application of computer software and hardware.

PSO2: Computer Engineering Maintenance: Maintain computer engineering related software and hardware systems.

| | | Project | | |
|---------|--------------------------------|---------|---|----------|
| Area ID | Project Area | ID | Project Title | Page No. |
| CO1 | Internet Of Things | CO1.1 | APPTOR | 1 |
| | | CO1.2 | Car Crash Notification System | 2 |
| | | CO1.3 | Face Recongnition System For Unlock The Door | 3 |
| | | CO1.4 | Heartbeat And Body Temperature Measurment System Using I.O.T | 4 |
| | | CO1.5 | HI-TECH INDOOR FARMING USING lot | 5 |
| | | CO1.6 | Women Safety Application & Sos Device | 6 |
| | Artificial Intelligence and | | | |
| CO2 | Machine Learning | CO2.1 | J.A.R.V.I.S AI ASSISTANT | 7 |
| | | CO2.2 | Ask-A-QuesBot | 8 |
| | | CO2.3 | Online Exam Proctoring System | 9 |
| | | | Utility Text Application Using Machine | |
| | | CO2.4 | Learning | 10 |

| Area ID | Project Area | Project ID | Project Title | Page No. |
|---------|--------------------|---------------|--------------------------------------|----------|
| CO3 | Mobile Application | | Android Music Player | 11 |
| | P P | CO3.2 | Car Service and Reselling App | 12 |
| | | CO3.3 | Devtube – Video Streaming Platform | 13 |
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| | | CO3.6 | Waste Management Application | 16 |
| | | CO3.7 | Ease My Transport Logistics App | 17 |
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| | | CO3.10 | Internship for VP | 20 |
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| | | CO3.13 | YouPlayEd – Music Instrument Trainer | 23 |
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| CO4 | Application | CO4.1 | SANJEEVANI | 24 |
| | | CO4.2 | Book My Doc | 25 |
| | | | Capacity Building for the Emergency | |
| | | CO4.3 | Response System | 26 |

| Area ID | Project Area | Project ID | Project Title | Page No. |
|---------|--------------------------|---------------|------------------------------------|----------|
| CO4 | Web Based Application | CO4.4 | ComputerTech | 27 |
| | | CO4.5 | Covid-19 Tracker | 29 |
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| | | | Online Second-hand Book Buying And | |
| | | CO4.14 | Selling Portal | 37 |
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| Area ID | Project Area | Project ID | Project Title | Page No. |
|---------|---------------------|---------------|---|----------|
| AICUID | Web Based | | | Tuge No. |
| CO4 | Application | CO4.17 | System for Renting Variety of Products Online | 40 |
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| CO5 | Security | CO5.1 | Secured Messaging App | 53 |
| CO6 | Image Processing | CO6.1 | Emoji Generator | 54 |
| CO7 | Desktop Application | CO7.1 | E-Complaint Registration | 55 |
| | | CO7.2 | Quotation Making Desktop Application | 56 |

Project Title : APPTOR Domain (Area of Project) : Internet Of Things

| Name of Project Guide: Er. Sudhir Lawand | | |
|--|---------------|--|
| Name of Students : Vaishnavi Shino | | |
| | Tousif Kudchi | |
| | Gaurangi Raul | |
| | Harsh Suthar | |
| | | |

Project abstract :

A Mobile based application which will function accordingly with a IOT based Device. The device will be used to read a persons hearthbeat, pulse rate and other parameters. This application will be helpful for both the patient and the doctor as the patient can update their information from Time to time which will be visible to the doctor.

Screenshots of the Project / Photos of Working Model (Min.3):

| Registered Phone Number: | × □ - | O My | Temperature: 68.29 F |
|--------------------------|-------|-----------------------|---------------------------|
| | | First Name: | Temperature: 68.29 F |
| | | First Name: | Temperature: 68.46 F |
| | | | Temperature: 68.29 F |
| Registered Email ID: | | Last Name: | Temperature: 68.29 F |
| Registered Email ID: | | | Temperature: 68.46 F |
| | | | Temperature: 68.46 F |
| | | Presciption/Comments: | Temperature: 68.29 F |
| | | | Temperature: 68.46 F |
| Add Patient | | | Temperature: 68.46 F |
| Add Patient | dback | Send Fee | Temperature: 68.46 F |
| | | | Temperature: 68.46 F |
| | | | |
| | | | Autoscroll Show timestamp |

- 1. This will be helpful for people to get checked while sitting at home.
- 2. Doctors can use this application to update themselves regarding their patients health While being anywhere around the world.

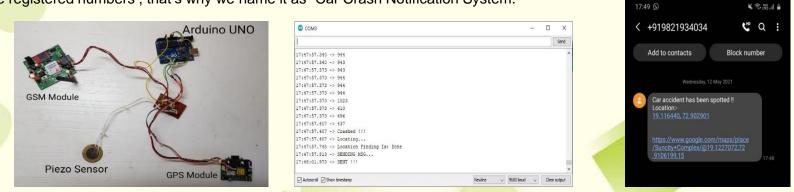
Project Title : Car Crash Notification System

Domain (Area of Project): Internet Of Things

| : Er.Sheetal Bhosale |
|----------------------|
| : Rishika Tripathi |
| Shashank Bangera |
| Aayush Desai |
| Nirmitee Keluskar |
| |

Project Abstract :

Car accidents are scary, stressful and potentially life-threatening. Road accidents are a human tragedy. Most of the deaths occurs because the needed help is not available for the person at the right time. Taking this entire thing in consideration we made software to provide help for those car accidents by informing the some registered numbers about the accident. So that they get immediate help. This project is designed for monitoring accident and when there is a crash, calling for help through the registered numbers, that's why we name it as "Car Crash Notification System."



- Car Crash Notification System is a significant advancement in the field of vehicle safety and emergency response.
- It opens a new era in the use of automotive and communications technology to help save lives
- and mitigate injuries. It surpasses earlier generations of crash notification systems capable of communicating partial information.

Project Title : Face Recongnition System For Unlock The Door Domain (Area of Project): Internet Of Things

| Name of Project Gui | de: Er.Anjali Gharat |
|---------------------|-----------------------------|
| Name of Students | : Nayan Shinde |
| | Aniket Pal |
| | Saima Shaikh |
| | Aishwarya More |

Project Abstract :

In this project ,we have made use of Python Opencv to identify a person is an employee or not based on data stored in database. Based on the output of python script there will be an alert created if entered person is unknown. Door will open if the person is recognized from the data in database.

Screenshots of the Project / Photos of Working Model (Min.3):



Applications: Security and defense Retail and marketing Hospitality Healthcare







 Project Title
 : Heartbeat And Body Temperature Measurment System Using I.O.T

 Domain (Area of Project)
 : Internet Of Things

Name of Project Guide:Er.Anjali GharatName of Students: Tanisha Poojari

Aditi Shinde

Project Abstract : Our system puts forward a smart that Heartbeat and Body Temperature Measurement system. System uses sensors to track patient health and uses internet to inform their doctors in case of any issues

Screenshots of the Project / Photos of Working Model :



Applications:

- 1. Hospitals / Dispensaries
- 2. Better and accurate method of measuring heart beat.
- 3. At homes

4. A set point can help in determining whether a person is healthy or not checking his/her heart beat and comparing with set point

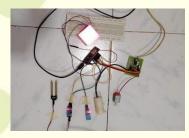
Project Title : Hi-tech Indoor Farming Using IoT Domain (Area of Project): Internet Of Things

| Name of Project Guide: Er. Sheetal Bhosale | | |
|--|----------------|--|
| Name of Students : Jayesh Potlat | | |
| | Pratham Sampat | |
| | Parth Sawant | |
| | Raj Mayekar | |

Project abstract :

IOT controlled indoor farming system. Designed for places with minimal farming and sunlight. Vertical Farming concept which helps more crops to grow in less area. Used RGB lights to provide light energy to crops. Soil moisture, temperature and RGB color code controlled by Node MCU. Water Pump and fan controlled by Node MCU.

Screenshots of the Project / Photos of Working Model (Min.3):



Applications: Monitor climate conditions. Precision farming. Data Analytics. Smart indoor system. Large scale vertical system.

| | | Home |
|---------------------------------------|-------------------|--------------------|
| 0 | Current Mode: fru | |
| °C | Lights | Off |
| Moisture: | Lights Schedule | 6:00 - 16:00 |
| 0 | | |
| | Temperature | 32.2°C |
| Pump on | Bearable Temper | rature 22°C - 30°C |
| exhaust on | bedruble temper | |
| current 19 start time 11 end time 201 | Moisture | 100% |
| Temperature: | Bearable Moistur | 34% - 40% |
| lemperature: 30.50 | Bedruble Molstal | |
| °C | Exhausht | On |
| Moisture: | Pump | |
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| | | |
| Pump on | | |
| exhaust on | CHA | NGE MODE |
| | | NGE MODE |

: Women Safety Application & SOS Device

Domain (Area of Project): Internet Of Things

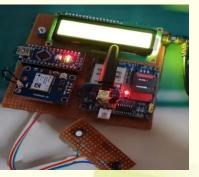
Name of Project Guide:Er. Sheetal BhosaleName of Students:Vaibhavi KadamSakshi RaoraneRishi Jain

Project abstract :

Project Title

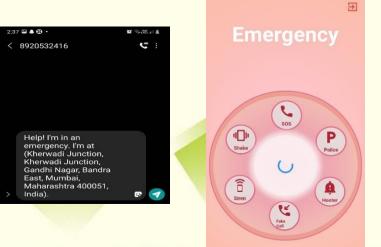
Even in today's world women safety remains to be an issue. To help fight that, we have developed a Women Safety Application using Flutter & Firebase for backend along with an SOS device. The application will help the user to alert police & family when in danger & also provide many other features to smartly fight in such situations .The SOS Device was made using Arduino nano V3.0, GPS Module & GSM Sim. Using this device family & police can be informed.

Screenshots of the Project / Photos of Working Model :





- 1. Child safety
- 2. Escape any unwanted situation
- 3.Can be used to grab attention in public using siren



Project Title : J.A.R.V.I.S AI Assistant

Domain (Area of Project): Artificial Intelligence and Machine Learning

Name of Project Guide: Er. Vijay Patil Name of Students : Ved Kolamkar Pranav Gavli Sahil Patil

Project abstract :

Jarvis: Jarvis is a virtual assistant .lt uses voice queries and a natural-language user interface to answer questions, make recommendations, and perform actions. The software adapts to users' individual usages, schedule, and preferences, with continuing use. Returned results are individualized.

Screenshots of the Project / Photos of Working Model (Min.3):

| <pre>import pyrtsx3 import datetime import speech_recognition as sr import wikipedia import smtplib import smtplib import set between as wb</pre> | Han Adouse Facebad Caretania Fac | radional (2000) Francisti (2000) Francisti (2000) | i caret i caret i sarat | |
|---|--|---|--|---------------|
| <pre>import os import pyautogui import pyutil import pyjokes engine = pyttsx3.init()</pre> | Linesy The I | | 300 | jMessenger |
| <pre>def speak(audio): engine.say(audio) engine.runAndWait()</pre> | 200000 - 04) - 20000 Social 190000 - 04) - 1400 - 54440 1900 - 632 - 140 | | in the second se | [xyz > Me]∶hi |
| <pre>def time(): Time = datetime.datetime.now().strftime("%I:%M:%S") speak("the current time is") speak(time)</pre> | Verage : | | Nessenger Brodlej In Saw Trouge | |

- GREETINGS :- As soon as we enable Jarvis, he will greet you before taking any input or performing any tasks.
- WIKIPEDIA SEARCH :- When we ask for an informative output from Jarvis, it automatically opens Wikipedia and gives the output (does not require to open any browser separately).
- LOGOUT,SHUTDOWN,RESTART :- Jarvis will automatically Logout, Shutdown , Restart as per the feed . It doesn't require any physical input.

Project Title : Ask-A-QuesBot Domain (Area of Project): Machine Learning

Name of Project Guide: Er. Sonal Gupta

Name of Students : Dhruti Jain

Sanyog Jain

Monish Borvankar

Project Abstract :Our project is about making a chat bot called "Ask-A-QuesBot" which can answer questions from a given paragraph or piece of text. In the current system, chatbots need to be trained on huge amounts of text which costs a lot of time, money and manpower.

Our solution is to build a chatbot using a pre trained language model and using transfer learning. The chatbot can then read any text supplied by the user and answer any questions on based on that. This will be very useful to people who need to get a specific piece of information from a document which is very large. Our project is hosted at <u>Ask-A-QuesBot.co</u>

Screenshots of the Project / Photos of Working Model (Min.3):







Applications: Knowledge base search, Legal advice assistant, Insurance Assistant, Education Consultant, Legal Assistant, A real estate business, Recruiter, Travel Agency

Project Title : Online Exam Proctoring System

Domain (Area of Project): Machine Learning

| Name of Project Gui | de: Er. Manisha Pokharkar |
|---------------------|---------------------------|
| Name of Students | : Husain Mamuwala |
| | Tanay Jawle |
| | Devashree Kandar |

Project abstract :

With the current global pandemic situation of Covid-19, institutions have been temporarily closed and learning and examinations have resorted to an online method. To ensure that unlawful means aren't resorted to while attempting an examination, some kind of system or modules have to be in place to proctor the student for the duration of the exam. This project aims to fulfill this very objective, hence the name **Online Exam Proctoring System**

Screenshots of the Project / Photos of Working Model (Min.3):







- Online Exam Proctoring System provides multiple methods to proctor a student.
- Continuous logging of students actions in real time.
- It can also be utilized during lectures to monitor student behavior.

Project Title : Utility Text Application Using Machine Learning

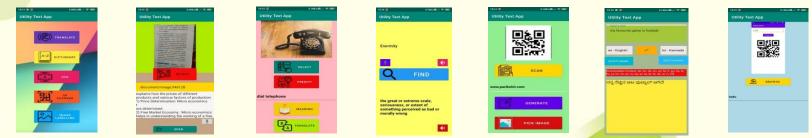
Domain (Area of Project): Mobile Application

| Name of Project Guide: Er. Sonal Gupta | |
|--|---------------------|
| Name of Students : Atharva Nalawa | |
| | Parikshit Acharekar |
| | Bhuvan Shingade |
| | Hardik Pingale |
| | |

Project abstract :

- User can be able to perform Text Related Features.
- The application is compatible with all types of android devices.
- It Provides Quick response for a particular input.
- Will Provide help to the user for his day to day activities related to text

Screenshots of the Project / Photos of Working Model (Min.3):



- Used by the teachers for getting the pronunciation of text written in various languages.
- Used in schools and colleges for easy use of features.
- Used in offices, for converting the document into text.
- Can be useful for tourists for easy translation of text into one language into another.

Project Title : Android Music Player Domain (Area of Project) : Mobile Application

Name of Project Guide:Er. Supriya AngneName of Students: Vinay KaharGaurav MahajanDanish ShaikhDivyesh Turbhekar

Project Abstract :

This software is used for android operating system, it can be used easily for music and it's convenient and quick, it uses simple UI and in this software music can be played without paying any money, and you can use it to change the state of the mobile phone, unique menu can give the users perfect experience

Screenshots of the Project / Photos of Working Model (Min.3):

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| | | Red | 7.4 |
| 28200719_288707 | | | Play Next |
| 20200719_200735 | | | NO YES |
| 22200719_280813 | | | 1 come |
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| A 20000729_222321 | | | 2008007_135049 |
| | | | 20216707_135502 |
| 1 22200005_220413 | | | 2 20260708_065251 |
| a | | | |

Applications: It can be used in Android Mobile Phones for listening music and in desktops with the help of bluestacks.

Project Title : Car Service and Reselling App Domain (Area of Project): Mobile Application

Name of Project Guide:Er. Prasad KoyandeName of Students: Vijay PrajapatiOm JadhavOm JadhavPrerana NawarHasnain Sayyed

Project abstract :

Our solution is the Mobile application which will be available for the owners as well as the customer of S.P Auto-works. Using this application user can send service request and can be able to receive timely remainder in form of notification regarding services if not done at regular interval from S.P Auto-works. User of an application can also resell his old car using this application.

Screenshots of the Project / Photos of Working Model (Min.3):



- Customer can request for service and will get notified for service as per service plan
- Car reselling facility for the customers of S.P Auto-works.
- Easy facility to manage the requested services by the customers
- Invoice generation functionality for the services.

Project Title : Devtube – Video Streaming Platform

Domain (Area of Project): Mobile Application And Web Development

| Name of Project Guide: Er. Swati Ranade | |
|---|-------------------|
| Name of Students | : Omkar Geedh |
| | Rushikesh Gajakos |
| | Omkar Naik |
| | Atharva Chougale |

Project abstract : DevTube is where you will find videos from conferences collected by developers for developers. The website already includes several videos. Just as Programmers look for news that is going to interest developers and curate it, allowing you to find it by topic, DevTube now do the same for conference videos, providing a Search facility and a set of filters.

Screenshots of the Project / Photos of Working Model (Min.3):



Applications:

• DevTube is to provide video that are recorded by Industrial experts, Teachers, Alumni. This application provides high quality video without ads.

Project Title : Digital Entry Domain (Area of Project): Mobile Application

| Name of Project Guide: Er. Vijay Patil | |
|--|-------------------|
| Name of Students : Yash shere | |
| | Mirthunjai Yadav |
| | Jayprakash sharma |
| | Nasim shaikh |
| | Shoeb khan |

Project abstract :

To create a system for maintaining the records of visitor. The existing system faces few disadvantages such as, Visitor(s) can't check the availability of the of visitor from visitor's location. Manually booking an visitor will be complex work to admin. Blocking a troublesome visitor(s) is not possible in the system.

Screenshots of the Project / Photos of Working Model (Min.3):



- The application can be used in schools and colleges.
- It can be used in offices and commercial buildings.
- It can be used in any problem statement with requirement of digitalizing entries.

Project Title : Online Plant Booking System Domain (Area of Project): Mobile Application

Name of Project Guide:Er. Siddhesh VaidyaName of Students: Tejal GaikwadRushali KambleSandip Dolai

Project abstract: "Online Plant Booking System" can be useful to overcome a lot of challenges coming in the farming and nursery field. Physically every operation is not possible to perform smoothly. Therefore, it is need of today to implement technology in this field.

Screenshots of the Project / Photos of Working Model (Min.3):









- **O User-Friendly Interfaces**
- O Real-time Booking
- O Customer Support
- O Secure Payments

Project Title : Waste Management Application Domain (Area of Project): Mobile Application

| Name of Project Guide | : Er. Poonam Pawar |
|-----------------------|----------------------|
| Name of Students | : Kunal More |
| | Vrushabh Gawde |
| | Angaddeepsingh Gupta |
| | Athurva Sawant |

Project abstract : Contact us for the heap of garbage that gets ignored by government bodies. This is where our application comes in action. The user can upload a picture, provide us the location. After completion user would be notified back.

Screenshots of the Project / Photos of Working Model (Min.3):

| Delecome To Waste Management An Gomment with the Rest Creative work. | Complaint Complaint | Normal 2010 Description Normal 2010 Normal 2010 Normal 2010 |
|---|---|---|
| Applications: School Office College Factories | | |

Project Title : Ease My Transport Logistics App Domain (Area of Project): Mobile Application

| Name of Project Guide: Er. Swati Ranade | |
|---|------------------|
| Name of Students | : Aayush Karnik |
| | Prachi Patil |
| | Shreyas Waghmare |

Project abstract : It is a mobile application for packers and movers and for shipping industry. Due to covid-19 outbreak every sector has got affected and every growing industry is a bit behind from it's developing phase. This application can help the small-scale transport business and the large-scale shipping industry for ease in transport management. People can use this application for shifting or rental purpose. This app will provide a business opportunity to the small-scale business to provide their services directly to the customers.

Photos of Working Model :

| • Maller - P X | © topica | | Mira-Bhayander Bhiwandi Tiswala |
|---------------------------------|---------------------------------|-------------|--|
| Create an Account | Email: ssw@gmail.com | | Sanyay Sanyay Kalvan-Dombivli |
| Name: Aayush | Password: | | Beraviti) Notorenal Thane Ambernath |
| Email: ayusakan nikggi mail.com | Password. | | Kulgaon Badla |
| Password. | End have no have of Harman Spin | | Mumba |
| A Many Web S-John W. Jan P | | | Navi Mumbai |
| Submit | Login | Same States | Panyel |

- This application can help the small-scale transport business and large- scale shipping industry for ease in transport management.
- People can use this application for shifting or rental purpose.
- This app will provide a business opportunity to the small-scale business to provide their services to the customers.
- The user can also track the shipment and vehicle using application

Project Title: Food Recipe appDomain (Area of Project): Mobile Application

Name of Project Guide:Er. Sudhir LawandName of Students: Hardik AmbolkarSejal GhagKaliraj KonarShiva Thangaraj

Project abstract : Our project will help-out for Blogging for sharing new upcoming ideas and recipes by people everywhere . Receives recipes for cooking with the ingredients in your kitchen. It will save your cooking time . Those who are interested in cooking its best application for them.

Screenshots of the Project / Photos of Working Model (Min.3):

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- 1. It has four major functionality in this application.
- 2. User can browse all there favorite recipes, and can also display their recipes on this platform.

Project Title : Grievance Redressal System Domain (Area of Project): Mobile Application

Name of Project Guide: Er.Poonam Pandire

Name of Students : Rohan Kadam Shreyas Panzade Falguni Parmar

Rahil Momin

Project abstract :

- A grievance is a discontent or dispute which could arise at any level in any organization.
- f the organization is an academic institution, then this issue becomes more sensitive and important. Students are the most vulnerable entities at educational institutions often fail to express and sometimes fail to seek proper support for the issues they face arising at numerous levels.
- Thus, on analysing the prevailing state of redressed mechanisms of grievances at some of the prestigious colleges, it came as a revelation that none of them had a completely formulated grievance redressal mechanism to address the arising conflicts in the lives of the students.
- In wake of the above mentioned problem as an implication, a prototype of grievance redressal must be work out which could comply well with the solution provision for the arising conflicts for students. In this project, we focus on the development and the execution of the grievance redressal for students.

Screenshots of the Project / Photos of Working Model (Min.3):



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Applications: Android Studio, SQL lite

Project Title : Internship for VP Domain (Area of Project): Mobile Application

Name of Project Guide: Er. Sonal Gupta

Name of Students : Ifat Jagirdar

Rachita Samant

Akshat Ovalekar

Project abstract :

- To automate the current manual system.
- Teachers can give information about internship and assess reports
- Students can apply for internship and submit reports
- Resume feature for students

Screenshots of the Project / Photos of Working Model (Min.3):



- College internship portal serves the primary interface for the students to apply for internship.
- VP internship portal helps you in building a profile and highlighting your successes and skills.
- Tracks student's status and displays complete information
- Apply for internships with your resume in just few tabs.

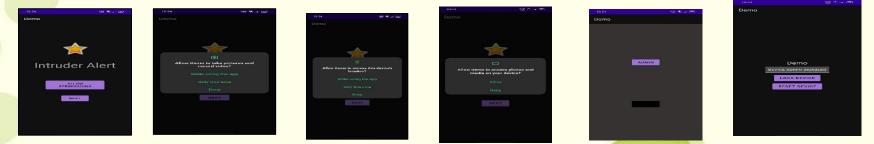
Project Title : Intruder Alert Domain (Area of Project): Mobile Application

| Name of Project Guide: Er. Sonal Gupta | |
|--|-------------------|
| Name of Students | : Prathamesh Rai |
| | Amaan Khan |
| | Faizan Khan |
| | Abdur Rahman Khan |

Project abstract :

Security App: Intruder Alert is a security app. It can protect your phone from outside intruders who wants to get the information of your data.

Screenshots of the Project / Photos of Working Model (Min.3):



- Used for phone security.
- This application usually runs in the background. It consists of Android Client application which automatically sends SMS to alternate number and images of the thief to mail.

Project Title : Property Management App Domain (Area of Project): Mobile Application

Name of Project Guide:Er. Sayali KadamName of Students:Swaraj shindeHarsh dubey

Om saket

Project abstract : This is an android application which gives list of Properties for buying, selling and renting. In this app, you can view property with all details like the area of the property, price, facilities, etc. User can add own property for buy, sell and rent. Filter option is provided to get the results as per needs.

Screenshots of the Project / Photos of Working Model (Min.3):

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Applications: 1) This app is used to buy the property.

- 2) This app is used to rent the property.
- 3) This app is used to sell the property.

Project Title : YouPlayEd – Music Instrument Trainer

Domain (Area of Project): Web Based Application and Mobile Application

Name of Project Guide: Er. Swati Ranade Name of Students : Tarun Alle

Amogh Sadvelkar

Ishaan Dhole

Project abstract : YouPlayEd is Music Instrument Trainer Application which helps user to get in a music learning environment. It helps a user to learn instruments like Keyboard, Guitar & Drum-Kit from scratch without having any prior knowledge about them. YouPlayEd also gives user an experience about how an instrument works and give them tips and tricks about the instrument.

Screenshots of the Project:







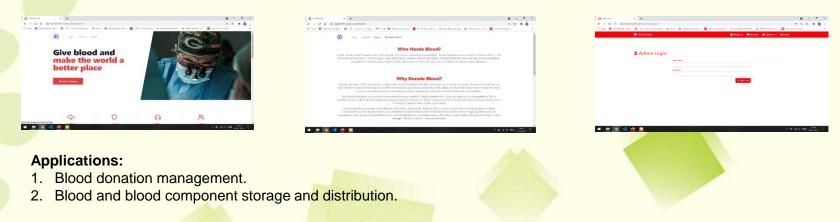
Applications: It is scientifically proven that learning music can improve your brain's capacity to remember things and as a result increases your memory. Music involves your thinking, senses, ears, and eyes all at the same time, it is one of the best brain exercises. It also helps in increasing concentration and focus.

Project Title : Web Application of Blood Bank on SANJEEVANI. Domain (Area of Project): Web Based Application

Name of Project Guide:Er.Sangeeta WankhedeName of Students: Shubham Nakte.Yash Kapadi.Yash Kapadi.Aditya More.Vishal Gupta.

Project abstract : Sanjeevani is an voluntary and non-governmental organization. It maintains Online library of blood donors in India. Sometimes Doctors and Blood bank project have to face the difficulty in finding the blood group Donors at right time. Sanjeevani has attempted to provide the answer by taking upon itself the task of collecting Blood bank project nationwide for the cause and care of people in need

Screenshots of the Project / Photos of Working Model (Min.3):



Project Title : Book My Doc Domain (Area of Project): Web Based Application

| Name of Project Guide | e: Er. Swati Ranade |
|-----------------------|---------------------|
| Name of Students | : Akshay Chandarkar |
| | Shivam Pol |
| | Saurabh Mahadik |

Project abstract :Due to covid-19 situation, going out for doctor appointment is a risk factor for patients and taking appointment for hospitals by using paper pen is a risk factor. By using Book My Doc patients can conveniently book appointment, a website will be used to book appointment and patients can connect with doctors online. It will present a technology demonstrator to verify a proposed framework required to support such a book an appointment.

Screenshots of the Project / Photos of Working Model (Min.3):

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Applications: : The main application of Book My Doc is to book appointment of patients for their consulting doctor. It will also give doctors prescription. Survey - Patients can give survey based on it medicines will be suggested by doctors.

Project Title : Capacity Building for the Emergency Response System Domain (Area of Project): Web Based Application

Name of Project Guide : Er. Prasad KoyandeName of Students: Mohit Vijay KulkarniYash Pravin HadadeAbhishek Nilin JoshiAvaneesh Sham Gaikwad

Project abstract :

Capacity Building for the Emergency Response System is a website which will help the Radhee Foundation to get in more number of Pledge Donors. The main goal of this website is to have more number of people pledging for Donation. After a user enters the respective details on provided facility he will get he will be getting a Radhee Organ Donor Pledge Card and he will also get Certificate for taking the Pledge.

Screenshots of the Project / Photos of Working Model (Min.3):

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- Solves problem of medical donations required at times of emergency.
- Used to get information of donors for specific organ on a finger tips
- Encourages organ donor making them pledge for donation by giving them pledge card.

Project Title : ComputerTech Domain (Area of Project): Web based Application

Name of Project Guide :Er. Meenakshi KhamkarName of Students:Suryakant SinghAniket JadhavAnish Chikhalkar

Project abstract: This project provides an easy access to admin and seller to view orders placed using Pay options. This project allows viewing various products available and purchase desired products also can place order and compared to another product.

Screenshots of the Project / Photos of Working Model (Min.3):



Applications: Online shopping Online marketing and purchasing

Project Title : Covid-19 Tracker Domain (Area of Project): Web Based Application

| Name of Project Guide: Er. Swati Ranade | | | | | | | |
|---|--------------------|--|--|--|--|--|--|
| Name of Students | : Harsh Chheda | | | | | | |
| | Shreyas Satre | | | | | | |
| | Aanchal Bamubugade | | | | | | |
| | Tushar Deshmukh | | | | | | |
| | | | | | | | |

Project abstract : COVID-19 tracker is to provide Statistics/graph for active, recovered, death and confirm cases with information about covid-19 like preventions, symptoms and latest updates will show on the website. It also has quiz to check the mental and physical health as well as the precautions to check whether the user is following the correct precautions or not.

Screenshots of the Project / Photos of Working Model (Min.3):

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Applications:

• COVID-19 tracker is to provide Statistics/graph for active, recovered, death and confirm cases with information about covid-19 like preventions, symptoms and latest updates will show on the website

Project Title : Online Grocery System Domain (Area of Project): Web Based Application

| Name of Project Guid | de: Er. Sneha Patange |
|----------------------|-----------------------|
| Name of Students | : Anirudha Ghadi |
| | Vedant Dinde |
| | Aditya Karanjekar |
| | Anant Bhosale |
| | |

Project abstract :Online grocery system is a form of e-commerce that allows consumers to directly buy fresh vegetables and fruits. An online grocery shop evokes the physical analogy of buying produce like it is done in a local market. So our idea is to give a online platform for the local shops.

Screenshots of the Project / Photos of Working Model (Min.3):

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Applications:Provide Online platform to local grocery shop. Easy to buy vegetables and fruits from multiple shops through online portal. This website shows local stores of various categories accepting orders and delivering around you.

Project Title : E-market For Farmer Domain (Area of Project): Web Based Application

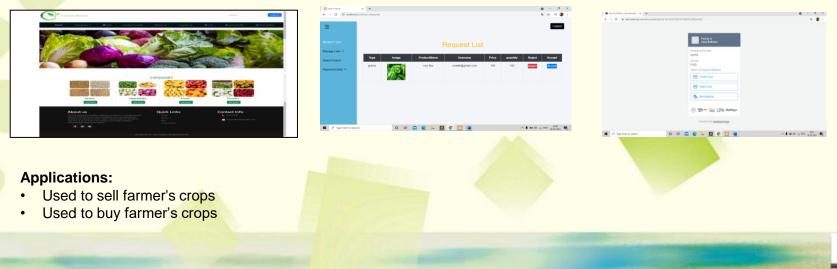
Name of Project Guide: Er. Sayali Kadam

Name of Students : Vipul Belhekar Vivek Jha Pratik Shelar

Project abstract :

We have designed a web-application for Farmer which is a platform for farmer to sell their product online without any agent or middleman. This service boosts business communication & bring transparency in the system

Screenshots of the Project / Photos of Working Model (Min.3):



Project Title : E-Notes
Domain (Area of Project): Web Based Application

Name of Project Guide:Er. Meenakshi KhamkarName of Students: Manya DevalapuraSimran TatkareManjeet Kumar Singh

Project abstract :

- Now- a- days everything is online so we thought of creating a web-site for studies to access notes from anywhere .
- Earlier, V-refer was used to access the notes but it had one drawback of accessing it only on college server and not from home.

Screenshots of the Project / Photos of Working Model (Min.3):



Project Title: E-PrescriptionDomain (Area of Project): Web Based Application

Name of Project Guide:Er. Sudhir LawandName of Students: Prachi ChavanGauri KorgaonkarAtharva Lokhande

Project abstract : E-prescription software is one of the easiest method to have prescription transferred to multiple patients and also reduce time, increase speed and reduce manual paper work. It needs less manpower for conducting and organizing the prescribed medicines quickly and with safety measures. Doctors, physicians, patients can easily check the previous medications prescribed. This project will help the patient/user to have a better understanding of the prescription.

Screenshots of the Project / Photos of Working Model (Min.3):

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- 1.Reduce prescribing and dispensing errors.
- 2. Decrease the work needed to execute a prescription.

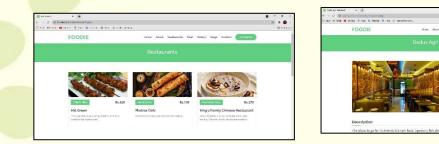
Project Title : FOODIE. Domain (Area of Project): Web Based Application

| Name of Project Gu | ide: Er. Meenakshi Khamkar |
|--------------------|-----------------------------------|
| Name of Students | : Harshana Gawand |
| | Rohit Nare |
| | Vishwajeet Gavit |
| | Saurabh More |
| | |

Project abstract :

The purpose of this project is to develop an Online Restaurant System. It is a system that enables customer of food restaurant to get the best restaurant. The reason to develop the system is due to the issues facing by the food restaurant industry

Screenshots of the Project / Photos of Working Model (Min.3):



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| | Date | Time | # of people | |
| | Message | | | |

- Online restaurant selection
- Book a reservation according to your convenience.

Project Title: Freelancing WebsiteDomain (Area of Project): Web Based Application

Name of Project Guide: Er. Poonam Pawar

Name of Students : Rahul Pote

Yash Yeram

Saurav Kumbhar

Bhushan Salve

Project abstract :

Freelancing is doing a job under contract rather than full employment. Freelancing offers the lot of freedom and flexibility which regular jobs cannot. The freelancer can choose the type of the work, how long they work, and volume of work take on. The freelancer can control work relationship and control workload. Platform freelancing has many websites and anyone can register as freelancers or job posters.

Screenshots of the Project / Photos of Working Model (Min.3):



- fiverr, simply hired
- Upwork , toptal





Project Title : Maharashtra Police Bharti (Portal) Domain (Area of Project): Web Based Application

> Name of Project Guide: Er. Sudhir Lawand Name of Students : Rohan Shelar

> > Sparsh Teli

Project abstract :We are making our Maharashtra police Bharti student portal by making the web application with all the facilities and features that are required for students. And it will reduce the cumbersome workload from the students. There will be no need for students to rush from here to there for information and study material. Student can check the website anytime from his/her home or anywhere. In short this Maharashtra police Bharti student portal is going to help the student.

Screenshots of the Project / Photos of Working Model (Min.3):

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- 1. This Application is for those students who are preparing for Maharashtra Police Bharti theory exams.
- 2. Users who will use this application , he/she will get all the information about Government of Maharashtra Police Bharti exam.

Project Title: Music Festival Booking WebsiteDomain (Area of Project): Web Based Application

| Name of Project Guide: Er.Supriya Angne | | |
|---|-------------------|--|
| Name of Students | : Mayuresh Kalkar | |
| | Vinit Palekar | |
| | Sushant Teli | |
| | Kishan Singh | |

Project abstract :

The project objective is to book Music Shows tickets/Passes in online. The Ticket Reservation System is an Internet based application that can be accessed throughout the Net and can be accessed by anyone who has a net connection. This Website will reserve the tickets. This online ticket reservation system provides a website for a cinema hall where any user of internet can access it. User is required to login to the system and needs a credit card for booking the tickets.. But all this excitement vanishes after standing in hours in long queues to get tickets booked.

Screenshots of the Project / Photos of Working Model (Min.3):







- It can be used to watch live concerts by sitting at home.
- It can be used to watch different music events.

Project Title : Online Second-hand Book Buying And Selling Portal Domain (Area of Project): Web Based Application

| Name of Project Guide | : Er. Sayali Kadam |
|-----------------------|---------------------|
| Name of Students | : Akshata Bandagale |
| | Prachi Kadam |
| | Shraddha Balsaraf |
| | Siddhi Ghanekar |

Project abstract : Online Second-hand book buying and selling portal is the place for everyone to sell or buy product (books) online. It's a website for all but its more useful for students who can easily buy and sell the new as well as old book.

Screenshots of the Project / Photos of Working Model (Min.3):



Project Title: Online library systemDomain (Area of Project): Web Based Application

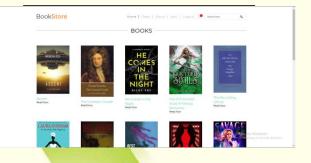
| Name of Project Guide | : Er. Sneha Patange | | |
|-----------------------|---------------------|--|--|
| Name of Students | : Abhishek Nagri | | |
| | Athsa Nadar | | |
| | Parag Sakhare | | |
| | Shafaque Baig | | |

Project abstract :Our project mainly focus on reader who can't afford books to read. We can provide them free book's in PDF format through our website. They can't download book's pdf ,they only read them.

Screenshots of the Project / Photos of Working Model (Min.3):

| BookStore | Home Read About Login/Signup |
|--|--|
| Home / Login | |
| MY ACCOUNT / LOGIN Fully takes are more than the red backup they fail us that do fater than Name fater than Name fater than Name | gons eitst, but backuse trieg talf us that dragons on he beaven. |
| LOOM FORCOT PASSWORD? NOT FECHTLER | |





- To provide online platform to local libraries
- To make new e-books available publicly
- Read anywhere anytime

Project Title : Pet Adoption Website Domain (Area of Project): Web Based Application

| Name of Project Guide | : Er. Sayali Kadam | | |
|-----------------------|-----------------------|--|--|
| Name of Students | : Vaishnavi Nagaonkar | | |
| | Vidhi Kodarlikar | | |
| | Tejas Mhatre | | |

Project abstract :

This portal provides most convenient way to adopts pets. It provides guaranteed information of the pets as well as the users. One can provide a better home to the pet. One can save the life of homeless animals by contacting the emergency helpline numbers.

Screenshots of the Project / Photos of Working Model (Min.3):





Applications : 1. Privacy of the adopter is maintained

- 2. Photos can be uploaded.
- 3. Availability of variety of Breeds.
- 4. Time set up for delivery and pickup.

:System for Renting Variety of Products Online

Domain (Area of Project): Web Based Application

| Name of Project Guide | : Er.Sneha Patange |
|-----------------------|--------------------|
| Name of Students | : Amaan Nasib |
| | Anuj Mhatre |
| | Ronak Lala |
| | Salim Mansuri |
| | |

Project abstract : This system mainly provides users to search and rent products according to their convenience and they will have all the details provided by vendor. Various Payment methods will be available so that user can pay according to their convenience. Users data will be encrypted and will have a safe environment around the system.

0-

Screenshots of the Project / Photos of Working Model (Min.3): Admin Section User Section

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| DashBoard | | | | |
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| Customers | No.of Act | | | |
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Vendor Section

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| 🐂 Orders 👻 | Products Approved | 7 🕥 |
| Widgets | Products Rejected | 0 |
| | Product's Pending Approval | 0 🔳 |
| | | |

Applications:

Project Title

- · For tours, vehicles can be rented or flats can be rented of that particular tourist place
- For occasions, if any customer requires camera or cars so he can rent it

Project Title: Small BusinessDomain (Area of Project): Web Based Application

| Name of Project Guide | : Er.Manisha Pokharkar | |
|-----------------------|------------------------|--|
| Name of Students | : Ayush Jaishwal | |
| | Rohit Deshawal | |
| | Vinit Uparkar | |

Project abstract : An online shopping system that permits a customer to submit online orders for items and services from a store that serves online customers. The customer can see all the products and different types of products and then they can order the product they want. Customer can purchase in their home or somewhere else from their location. One can create their account for free on this app and their access to reach the customer online by providing goods and services to them.

Screenshots of the Project / Photos of Working Model (Min.3):



| CHOOSE CATEGORY | |
|---------------------------------|---------------------------|
| Mobiles | BROWSE BY CATEGORIES ~ |
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tegorie

- Online conversation with shop owner.
- Detailed product description.
- Effective for entrepreneurs.

Project Title : Smart Canteen Management System. Domain (Area of Project): Web Based Application

| Name of Project Guide | : Er.Sneha Patange. |
|-----------------------|----------------------|
| Name of Students | : Adil Shaikh. |
| | Saikrishna Maharana. |
| | Saud Sayed. |
| | Shahnawaz Samani. |

Brief idea of Project : ⊤

he website is nicely designed for the students to view the items from the canteen and to order the food with minimum clicks including the payment. Using this web application features the Canteen will be able to manage their operations efficiently.

Screenshots of the Project / Photos of Working Model (Min.3):



Applications: Educational institutes. Government offices. Hospitals. Hotels.



| Canteen Management System | Food Menu | | | |
|--|---|----|-------------------|--|
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Project Title : Social Touch Web Application Domain (Area of Project): Web Based Application

| Name of Project Guide | : Er. Manisha Pokharkar. |
|-----------------------|--------------------------|
| Name of Students | : Sanjana Sagvekar |
| | Shubhangi Narayankar |
| | Mukta Gundale |
| | Ganesh Chavan |
| | |

Project abstract: Currently there is no such app, website where people can search for a type of social work event and register for one. Users can't search social work events with filters such as user provided time and date. Since there is no common platform, people are distributed or maybe unaware of any social work groups. This leads to communication gap between volunteers and organisers. Hence, we are building this web application.

Screenshots of the Project / Photos of Working Model (Min.3):

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Applications: Creates the online events

Creates a competitive environment between users.

Anyone can create a social event with few clicks and user-friendly interface of Web Application.

Organiser and users Connectivity.

Project Title: Trading SystemDomain (Area of Project): Web based application

| Name of Project Guide | : Er.Supriya Angne |
|-----------------------|--------------------|
| Name of Students | : Kaushik Jain |
| | Atish Choubisa |
| | Maithili Mayekar |

Project abstract : Trading system is a demo application based on stocks. Where user can invest in stocks using fake money. Here user can search stock using ticker which is symbol provided to each stock. User can update his/her profile and can see portfolio also. The procedure of buying and selling stocks is simple. User can see real-time value of stocks and can sort them according today, week or month.

Screenshots of the Project / Photos of Working Model (Min.3):

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Applications: This application is for new user who are new to stocks world, here they can learn about stock market and invest in it without using real money.

Project Title : Travel and Tourism Management System Domain (Area of Project): Web Based Application

| Name of Project Guide | : Er.Sayali Kadam |
|-----------------------|-------------------|
| Name of Students | : Adil Khatri |
| | Wasim Sayyed |
| | Kalim Shaikh |

Project abstract : It is a web based application. The main purpose of this website is to provide a convenient way for customer to book packages and customize their own package. The objective of this project is to develop a system that automates the processes and activities of Travel Agency.

Screenshots of the Project / Photos of Working Model (Min.3):



Applications: Tourism Website help users for planning travel and to book Tour Packages as per their requirement. It is a great way to meet new people and get your feet wet if you're new to travel.

Project Title : T-Shirt Designing Domain (Area of Project): Web Based Application

Name of Project Guide: Er. Vijay PatilName of Students: Charul Vig

Project abstract :

Custom T-shirt Designs is a web-based application. The purpose of this project is to provide a website that would allow customers to be able to customize T-shirt and place an order of custom T-shirt. This project provides two main services for customers. Firstly, it provides a way for customers to design. Secondly, it provides an easy way to purchase that T-shirt Design The project provides a cost-effective for small business owners with a small investment. Custom T-shirt Designs would serve as a platform where small business owners would be able to provide a designing platform for customers to be able to design their T-shirts according to their wish.

Screenshots of the Project / Photos of Working Model (Min.3):



- Build Awareness, Develop Your Branding,
- Perfect for Events, Use as Giveaways, Stand Out.





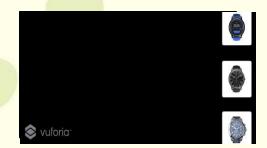
Project Title : Virtual Try On - Watches.

Domain (Area of Project): Mobile Application

Name of Project Guide: Er.Sangeeta WankhedeName of Students: Yashashree TaleleUnnati Patil

Project abstract : Virtual Try on solutions is one of the ways to give the user a better experience in online shopping with Augmented Reality. We have created marker based augmented reality Tryon solution in which the customer can Virtually try products while sitting anywhere. Try-on solution offers a chance to feel and experience the product like if they are at the live store by using mobile camera through Augmented Reality. It is the best way of engaging consumers with the visualization to the products in the catalogue of the brand. It is user friendly as well.

Screenshots of the Project / Photos of Working Model :



Applications:

Online shopping for Watches.





Project Title : VP MEET Domain (Area of Project): Web Based Application

| Name of Project Guide | : Er. Meenakshi Khamkar |
|-----------------------|-------------------------|
| Name of Students | : Sarth B. Malankar |
| | Atharv R. Sawant |
| | Atharva D. Bhingarde |
| | Himani P. Kulkarni |

Project abstract :

VP MEET is a video calling website. The concept behind video call is simple, it is as simple as making a phone call, but provides both video and audio. The right video conferencing tool allows user to set up a virtual room and provides a clickable link, that user can use to enter the room. Once they are in the meeting, you can see them with your screen and webcam, and they can see you.

Screenshots of the Project / Photos of Working Model (Min.3):



- Used for online classes
- Meetups
- Webinars
- Student-Faculty Connectivity





Project Title : VPTalk Domain (Area of Project): Web Based Application

| Name of Project Guide | : Er. Prasad Koyande |
|-----------------------|----------------------|
| Name of Students | : Uddhav Gore |
| | Mayur Borkar |
| | Amrita Panicker |

Project abstract :

The website "VPTALK" is built so that Vidyalankar Polytechnic students can interact with each others. To provide better service to their users, The time of the user is being saved. The website offers a wide range of options for pooling. During past several decades, there is need for effective and user friendly social networking site that give facility to reduce complexity.

Screenshots of the Project / Photos of Working Model (Min.3):

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- Used to make freinds and for communication
- Used to know about other people.
- Used to share information with freinds

Project Title: Website for Special Children.Domain (Area of Project): Web Based Application

Name of Project Guide: Er. Sangeeta ShirsatName of Students: Shweta JaiswarAishwarya Raut

Project Abstract :

In our website we met the requirements of special need children in motivational as well as educational way by including motivational videos, articles of legends with special needs and also provides the information of an orphanage which is the true house for this kind children.

Screenshots of the Project / Photos of Working Model:



Applications:

Easy to access website.

User can also refer the motivational articles of special people like Arunima Sinha, Helen Keller, etc.

User can watch motivational videos as per their choice.

User can refer the orphanage suggested by us.

Project Title : Real-Estate Website Domain (Area of Project): Web Based Application

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Brief idea of Project: Real Estate is related to online website of estate. Real Estate web application is an interactive, effective, and revenue-generating website designed for Real Estate Company to display unlimited number of property listings on the website. Buy and verify the property and the online service is provided by us free of charge.

Screenshots of the Project / Photos of Working Model (Min.3):



- Well-defined profile of property dealers and their customers
- To search out nearby homes for rent or purchases.

Project Title: BUDGETIZERDomain (Area of Project): Web Based Application

| Name of Project Guide | : Er. Vaishali Malkar |
|-----------------------|-----------------------|
| Name of Students | : Ashutosh Sawant |
| | Urja Dudwadkar |
| | Vedant Yadav |

Project abstract : "Budgetizer" is here to make sure your money is well managed by doing most of the work for you. Our Website will help the user to plan budget according to income. It will be easy to plan expenses and reduce unnecessary spending. Keeping a record of your expenses using a Budgetizer is a good way to manage your finances from month to month.

Screenshots of the Project / Photos of Working Model (Min.3):

| | Personal Info Bugget Itte Vour budget is tele Monthly income: Your monthly income: Savings % S v Create Budget | RUCETLOR were we | annument is passes. Auclidately of occurrence of the second second |
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| Applications:1. Personal budget2. Home budget3. Financial Planning | | Food Action of glob (2014) | |

Project Title : Secured Messaging App Domain (Area of Project): Security

| Name of Project Guide: | Er. Siddhesh Vaidya |
|------------------------|------------------------------|
| Name of Students : | Pratik Nivalkar |
| | Tejas Kulaye |
| | Pranav Shetye |
| | Abdullah Usmangani Matwawala |

Project Abstract : For the realistic demand of data security communications, we are going to design android application using efficient algorithm for encryption & decryption. Application having two ends one is sender and other is receiver. Message will be encrypted & decrypted within the application.

Screenshots of the Project / Photos of Working Model (Min.3):

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Applications:

Secure messaging is used in many business areas with company-wide and sensitive data exchanges. Financial institutions, insurance companies, public services, health organizations, and service providers rely on the protection from secure messaging.

Participated in State Level Online Project Competition

Project Title : Emoji Generator Domain (Area of Project): Image Processing Using Machine Learning

| Name of Project Guide | : Er. Anjali Gharat |
|-----------------------|----------------------|
| Name of Students | : Yash Rawool |
| | Arbaz Shaik h |
| | Kartik Bhuniya |

Project abstract :Emojis or avatars are ways to indicate nonverbal cues. These cues have become an essential part of online chatting, product review, brand emotion, and many more. It also led to increasing data science research dedicated to emoji-driven storytelling. With advancements in computer vision and deep learning, it is now possible to detect human emotions from images. In this deep learning project, we will classify human facial expressions to filter and map corresponding emojis or avatars.

Screenshots of the Project / Photos of Working Model (Min.3):









Applications: 1. Used in Social media ,games 2. In Data science research

Awards if Any for TPP / Competitions / Paper Publication / Any Other Pls. Specify :- State Level Online Project Competition



Project Title : E-Complaint Registration Domain (Area of Project): Desktop Application

| Name of Project Guide | : Er. Manisha Pokharkar |
|-----------------------|-------------------------|
| Name of Students | : Payal Bansode |
| | Dev Shinde |
| | Ankita Jaiswal |
| | Aman Jaiswal |
| | |

Project abstract : "E-Complaint Registration" the project idea comes under the "Digital India" campaign. This idea focuses on ordinary people as well as the police. The application developed under this idea solves the problems faced by the law and ordinary people. The "E-Complaint Registration" is the cross-platform Desktop application developed for use in the windows pc.

Screenshots of the Project / Photos of Working Model (Min.3):

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- Used to Register Complaint.
- Used to Send/Receive Complaints.
- Used to get Details of Complaints and Cases in Document Format.

: Quotation Making Desktop Application

Domain (Area of Project): Desktop Application

Project Title

| Name of Project Guide | : Er. Manisha Pokharkar |
|-----------------------|-------------------------|
| Name of Students | : Soman Sukale |
| | Amit Jadhav |

Project abstract : The main aim of the Project is to make quotation easily. This application can be very useful because it can search, edit, save, add product with its price, add costumer, costumer address all these features in one application. It also calculates the product total cost based on quantity, discount, GST automatically so you don't have to manually calculate it.

Screenshots of the Project / Photos of Working Model (Min.3):



Applications: It can be install directly on your personal computer, we can launch it whenever we want, They can work without the internet connection.

Final Year Project Committee Program: Computer Engineering

