Sr No	Name of Students	Enrolment No.	Title of Project	Internal Guide Name	Abstract
1	Prajapati Kamlesh,Patel Krinal, Patel Priyal, Prajapati Harshad	160280107088,160280107079, 160280107084, 160280107086	Deep Surveillance System	PROF A SAXSENA	There are many cases of violence in public places have been registered all over the world. Thus, it is very important to deploy a surveillance System that can be used to detect violent behaviors in video surveillance scenarios for instance, railway stations, gymnasiums, and other public places. Many surveillance System still require human supervision. However, Recent advances in computer vision are, thus, seen as a important trend in video surveillance that could lead to dramatic efficiency gains. Our Aim is to create a surveillance System that doesn't require continuous monitoring of a stream of a video. Our surveillance System will automatically process a video and detect violence scene and send small video clip to the security agencies.
2	VAKOTAR HARDIK HASMUKHBHAI,CHARIT PARESHBHAI PATEL,JAY BHARATBHAI PATEL,SAMBHAVANEE KARAN DOLATKUMAR	160280107121,160280107074, 160280107077, 160280107095	Diabetic Retinopathy Detection	PROF A SAXSENA	Diabetic retinopathy remains a frightening prospect to patients and frustrates physicians. Destruction of damaged retina by photocoagulation remains the primary treatment nearly 50 years after its introduction. The diabetes pandemic requires new approaches to understand the pathophysiology and improve the detection, prevention, and treatment of retinopathy. This perspective considers how the unique anatomy and physiology of the retina may predispose it to the metabolic stresses of diabetes.Potential means to overcome limitations of current animal models and diagnostic testing are also presented with the goal of accelerating therapies to manage retinopathy in the face of ongoing diabetes . Despite years of clinical and laboratory investigation, diabetic retinopathy remains the leading cause of vision impairment and blindness among working-age adults, yet the fundamental cause remains uncertain. The number of people worldwide at risk of developing vision loss from diabetes is predicted to double over the next 30 years . so it is imperative to develop better means to identify, prevent, and treat retinopathy in its earliest stages rather than wait for the onset of vision-threatening lesions.In this way, established neurobiological principles can inform us how diabetes impairs vision, and knowledge of metabolism, inflammation, and regenerative medicine may lead to new treatments.This is a project for creating an web app that can classify retina images if patient has diabetic retinopathy or not. This project is based on python machine learning and TensorFlow.
3	Dhara Leuva,Shradhha Ladoomor, Mittal Chaudhary	160280107044,160280107042, 160280107008	Hop on	PROF A V SHAH	Through this project we want to develop a Intercity cab system that will help people in travelling. Here user can share their details of travel and book suitable ride for same purpose.

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4	Rinkal Parghi,Mittal Patel	160280107070,160280107082	Building Management System	PROF A V SHAH	"Building Management System" or BMS is a web-based application which you can use anywhere at any time. It will help you continue your work more frequently. One can view transaction, events, notice, gallery, book and cancel resources, view members profile. Members can view visitor log and also can send guest list request to the security guard. Building Management System is the best software for managing highly customizable apartment, flat, building or any kind of real estate properties. It will provide the mobility to manage all transactions related to Building.
5	Khushbu Patel,Roshni Gamit	160280107078,150280107020	Blood bank application	PROF A V SHAH	The importance of this project in real life is saving lifetime of people. this method we tend to area unit making as a result of many folks bled to death or died in shock as a result of compatible donors couldn't be obtained or couldn't be available in time, and since of the dearth of blood many folks were denied the advantages of surgery or their hospital keep was unnecessarily prolonged. we tend to are attempting to hide all the matter that is happened owing to lack of blood. Through this app we tend to area unit cowl largely bank info, and provides it to the user thus user will use it after they area unit in essential scenario. we tend to offer associate info concerning blood stock in keeping with the blood type and bank, and provides a suggestion to user that bank in almost their current location owing to that user will get blood simply. We offer associate info concerning blood give camp thus user will give blood simply if they need, and provides info concerning patient United Nations agency would like blood in emergency case owing to that user will provides a blood thereto user and save that patient life .
6	GAVIT SURAJ,RAHUL GAMIT,DIVYEN NAYAKA ,PATEL VIRAL	160280107125,160280107022, 160280107059, 140280107072	ONLINE SUPERMARKET SYSTEM	PROF A V SHAH	This project is a web-based shopping system for an existing shop. The project objective is to deliver the online shopping application into Web platform. This project is an attempt to provide the advantages of online shopping to customers of a real shop. It helps buying the products in the shop anywhere through internet by using a computer. Thus, the customer will get the service of online shopping and home delivery from his favourite shop within 4 hours. This system can be implemented to any shop in the locality having retail outlet chains. If shops are providing an online portal where their customers can enjoy easy shopping from anywhere, the shops won't be losing any more customers to the trending online food delivery application such as zomato or swiggy. Since it is a web application, it is easily accessible and always available.

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7	Doshi Maitri Yashvantbhai,NA	170283107008,NA	Play	PROF A V SHAH	This is communication application which based on Android programming luaguage. This application will be secure,light-weight , efficient and mainly focus on user's privacy.
8	Shivam Pradhan,N/A	170283107025,N/A	Build My PC Website	PROF A V SHAH	Buildmypc app:- A website which allows you to build your own pc by just selecting your specifications and placing an order. You can also get various services such as windows installation, update your PC or any hardware solution by just placing your query.
9	Sarang Ruvanshi Kanaiyalal.,Gavit Shital. , Rathod Tejal.	170283107029,170283107010 , 170283107028	Rental port	PROF A V SHAH	Our aim to design and create a system for a rental items Such as books, clothes, furniture, cars etc. This enables admin can rent that product items that can be used by a customer. By paying the money for specified period of time. This system provides efficient way to the customer.The customer can also use the system to rent the items. The customer should create a new account before logging in or he/she can log into the system with his/her create account.
10	kena vyas,kajol shah,monika suthar,keta thakkar	170283107039,170283107030, 170283107034, 170283107035	Clothing Rental Portal	PROF A V SHAH	The Clothing rental portal is a Python Application (Django Framework). In this system user can easily choose and pre-book clothes for any occasions. User can easily find the boutiques and whatever cloth they want to take on rent, they can find on this website. Styling assessment is also provided to the users whenever required. Users of the system can also act as a dealer by providing their own cloths on rent. On return, fine can also be charged if the product is received in damaged condition or returned after deadline. Different modes of payments can be used by the user for payment such as mobile wallets, cards, COD etc. User can also find the dress of the right size, length, colour, sleeve, body type, neckline, age, trend and style.Day by day due to escalation of science and technology and rapid living wage of human beings, online cloth renting is now becoming very much popular.This website "The Elegant Store" is provide clothes on rent
11	PADHARSHI MOHAMMAD	160280107062,160280107	CENTRALIZED WASTE AUTON	PROF A V SHAH	In this System we will devlope something which is very useful for the person who has function on that day their might be huge amount of waste in his/her house , so this garbage is headache for them so in this system user will make a request to pick garbage from their house and then staff will come with their vehicle and pick up the garbage and take some money and bring it to dumping area . So this is how it works . We can use this system for hotel , party-plot ,public place , etc ..... Hence this system help to clean environment
12	Dhairya Kirtibhai Patel,N/A	150280107017,N/A	DPSHM	PROF B A OZA	This project is based on predicting the sales price of heavy machinery using supervised learning methods. This project is a time series problem that includes its historical sales data. This means theres a time attribute to the dataset. I'll be making an eCommerce website and in future I'll take care of integrating the data from the ML prediction as the base selling price of that specific part.

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13	Vivekkumar Dave,Meet Hakani,Shalin Awadiya	160280107015,160280107027, 160280107003	AI based traffic management system	PROF B A OZA	Today, Vehicles are increasing day by day. The problem of traffic has been a big issue. Currently it is being done with the help of Traffic signal and Traffic Police. But, the problem with scenario is that for every side there will be fixed timer and a constant amount of time will be given to people on every side. Many times it will lead to wastage of time and increase in traffic. So we will use 'Image Processing' and 'Deep Learning' we will make a system such that every side will have timer according to traffic density it has. Thus by knowing the density of the traffic we can set our timers according to density. Which will lead to ' Saving of Energy' as well a 'Saving of Time'.
14	Akshil Dhariya,Jaimin Darji, Nilesh Katariya, Sagar Khimani	160280107018,160280107014, 160280107035	Smart Electric Meter	PROF B A OZA	Monitoring and keeping tracking of your electricity consumption for verification is a tedious task today since you need to go to meter reading room and take down readings. Well it is important to know if you are charged accordingly so the need is quite certain. Well we automate the system by allowing users to monitor energy meter readings over the internet. Our proposed system uses energy meter with arduino system to monitor energy usage using a meter .The meter is used to monitor units consumed and transmit the units as well as cost charged over the internet using Wi-Fi connection. This allows user to easily check the energy usage along with the cost charged online using a simple web application. Thus the energy meter monitoring system allows user to effectively monitor electricity meter readings and check the billing online with ease. It presents a low cost and flexible energy meter monitoring system using IOT.This technology offers new and exciting opportunity to reduce our work and to prevent the equipments.
15	Deept Panchal,Moksha Vora, Dhrumil Raval	160280107063,160280107123, 160280107019	Human Machine Interface	PROF H A JOSHIYARA	With the rapid advancement in technology, humans and machine are interacting more closely. Hence there is a need for a new way of communicating with the machine than the traditional approach. We are developing a way of using EMG(Electromyogram) sensor as an input device. We aim to provide a more immersive and interactive way of communicating with machines. The main advantage is that it will make communication much easier and intuitive.
16	Jay Mehta,Piyush Sharma	160280107054,160280107130	PoseNet And GAN	PROF H PANDYA	This project is focused towards changing the traditional way of buying jewellery which includes going to the shop and selecting the specific jewellery according to our requirements and also searching for one specific jewellery that we saw somewhere. This whole process can be easily simplified by using up and coming technologies like Machine Learning and Augmented Reality which help user to find similar products with respect to one specific design and also let them try available products from the site itself while sitting at home. This project is basically e-commerce enhancement project which includes more than one functionalities to provide the user experience as best as possible. It includes user-centric features like JewelTry: fastest and most accurate in the market and internal usage features like Background Removal and Generative Adversarial Networks for automatic generation of different jewellery designs.

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17	Shreya Bharatbhai Popat,Hiralben Gohil,Vanitaben Paramar	160280107085,170283107 013, 170283107019	Framework Generator	PROF K M PATEL	It creates project structure in spring MVC framework by getting step by step requirements from user and then adding data- layer, database-layer, busines- layer and controller- layer java files for all the forms of their project. These files will be created for all the forms of different modules of their project. Modules are nothing but different user roles of the project. We are providing template selection for their web application. We are also providing with adding of some core functional requirements step by step. The end user of this system would be company and college students. At the time of registration, seperate folder would be created in which all ongoing projects and completed projects of that user would be stored. At the end, jar file of the project would be created and can be downloaded by them. We also used SONARLint plugin to ensure a quality of generated code. So, this way project framework is generated. So, our project title is framework Generator.
18	PRIYAL PATEL,Nidhi Dilesh, Hemankshi Ishwar	160280107127,160280107 126, 160280107129	Scholarship Assistant	PROF K M PATEL	The working principle of this project is that the system is easy, sorted and manageable environment for students where all the tasks related to scholarships such as eligibility test, the application procedure, the updates of the applications and information regarding similar scholarships in both govt-aided and private sector. The current scenario is building the databases, deciding functionalities and building graphical user interfaces and forms which fulfill the requirements of the user.
19	PARMAR KASHISH VRAJLAL,CHRISTIAN EDIL ANOSH	160280107072,160280107 012	PERSON RE-IDENTIFICATION FOR VIDEO SURVEILLANCE	PROF M K SHAH	Nowadays, a large network of cameras is chiefly used in public places like airports, railway stations, bus stands, and office buildings which provides enormous video data. It is then monitored manually. Smart automated analysis of such huge video data can help in improving the quality of surveillance by processing the video faster. Above all, it is more useful for high-level surveillance tasks like suspicious activity detection or undesirable event prediction for timely alerts. Establishing the correspondence between the image sequences of a person, across multiple camera views or in the same camera at different time intervals, is known as person re-identification. Simply, it implies that a person, seen previously, is identified in his/her next appearance using a unique descriptor of the person. The above task is usually effortless for humans. Our eyes and brains are trained to detect, localize, identify, and later re-identify the objects and people in the real world.
20	Patel Nikita Girishbhai,Patel Rutika	170283107021,170283107 022	AI based behavior Analytics	PROF T CHAUHAN	It Analysis the facial expression of human and generate report automatically based on expression
21	Naresh Prajapati,Jainil Shah, Margi Shah, Vedika Shukla, Maitree Desai	170283107027,160280107 099, 160280107102, 170283107032, 170283107007	Prosthetic arm for elbow disarticulation	PROF M K SHAH	The project aims to address the problem of costly and unaffordable prosthetic arms by offering indigenously produced externally powered prosthetic limbs that will be easily accessible and cost-effective.
22	Dhairya Parekh,Nirman Pat	160280107068,160280107(	GIS Afforestation	PROF M K SHAH	This project employs a GIS to find the urban areas in dire need of tree coverage, by extrapolating air index charts and plantable land graphs from satellite imagery.

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23	RAVI VESARA,NA	170283107038,NA	Querity	PROF M K SHAH	Querity is a Web Portal that provides functionalities of knowledge sharing by question and answer between the community of users on the portal. User has to input their interest during the registration on the querity, so on the basis of their interest, the dashboard will display the appropriate questions. User can upvote and downvote the QnA based on their pleasure. User can create the profile where they can see the, - questions asked by them - answer given by them - Followers

Querity is inspired by the quora and stackoverflow. It is my efforts to improve my Web development skills. |
24	Limbasiya Jaykumar,Radadiya Ravi,Sabhani Keval	160280107045,160280107090, 160280107094	Smart Response	PROF P DUTTA	For each textual review like, Hotel Review, we want to predict if it corresponds to a good review (the customer is happy) or to a bad one (the customer is not satisfied). The reviews overall ratings can range from 2.5/10 to 10/10. In order to simplify the problem we will split those into two categories: bad reviews have overall ratings < 5 good reviews have overall ratings >= 5 Implemented a web scraper to fetch live hotel reviews from Booking.com Website. Conducted data pre-processing and cleaning by removing stop words, punctuation, special characters, numbers, and white-spaces from reviews.Performed tokenization and stemming of reviews, and built a corpus out of it.
25	KHYATI MISTRY,SAKSHI HANDOO,GOHEL HINAXI NARENDRAKUMAR	160280107057,160280107128, 170283107012	PURPICS	PROF P DUTTA	Marketing is one of the crucial factor for which every Company/Organization is concern about.The project is based on Advertisement of products through Students and is named as "purpics".The project mainly consist of three components COMPANY, ADMIN & STUDENTS. The process of the project goes by the flow in which the Company will send the product details with photos to Admin for which they which they want to Advertise.The Admin will post an Event with Photos and set a deadline and reward amount for the Students interested to make the post through their social Media.This we can value the innovative ideas by young minds.
26	Roshani Asodariya,Hiteshi Badgujar	170283107002,170283107003	Smart Rides	PROF P DUTTA	The Project Smart Rides is a way to make travelling at your comfort. It provides you rides at a reasonable prices. Also you can ask for vehicle on hourly basis and you can rent your vehicle as well.Moreover Lift system is also included here.A person going somewhere can provide lift to other users whose who also wish to go at the same place. Moreover a person can post if he wants to give lift to others. Here , driver facility is also availabe. A person can search for a driver as per his experience. Drivers can also login to the system.

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27	VAIBHAV MEHTA MANISHKUMAR,JIMISH PRAMOD KHOLAPURE , MEET BHARAT PANCHAL	170283107016,170283107 014 , 170283107018	Scrap Treasure Ingress	PROF P DUTTA	Its a website as well as android based application which bridges the gap between the waste sellers and the purchaser of the scrap i.e. Junk. It provides the platform where the junk buyer from various fields such as metallurgy, chemical, plastic, biomedical waste, can register themselves and can bid for the scrap. The buyer with the highest bid can take the scrap from the seller and pay the money as per decided bid. Moreover the seller gets the computerized generated invoice about the amount of waste material along with the device.
28	MISTRY JANVI NILESHKUMAR,PRAJAP ATI MAMTA KIRITKUMAR,LADVA MANSI PRADIPKUMAR	170283107017,170283107 015, 170283107026	BEAUTY HUB	PROF P DUTTA	In our proposed system, customers can book their appointments online. So it is less time consuming. They can get a remainder by SMS before their treatments. They can buy online products from our application. There is also a facility for trainees to learn courses. Customer can see the listing of products used for the treatment and they have the choice to choose the product to be used for their treatment. Customer can get tips from experts. Customer can chat with experts if they have any problems for which they have to find a solution.
29	GAJJAR JIGAR,BAVALIYA ASHISH ,GADANI DHAIRYA,PATADIYA NILKANTH	160280107021,160280107 006, 160280107020, 160280107073	AUDIO SPEECH TO SIGN LANGUAGE CONVERTER	PROF P G PATEL	Lots of problems arise when people that are impaired of hearing or impaired of speaking tries to communicate with normal people, because they mostly communicate using Sign language and normal people generally don't know anything about Sign language. Sign language is defined as the language of deaf and dumb people by using which they are able to express their thoughts. It is a language which uses visually transmitted sign patterns to convey meaning. It is the combination of hand shapes, orientation and movement of hands, arms or body, and facial expressions. By using sign language they can transmit messages by combining hand gestures and different movement of hands. Our motivation for the project is to allow normal people to easily communicate with people who are deaf and impaired of hearing or impaired of speaking and who understands only sign language by using a program that takes input as speech/audio/text and converts them into equivalent sign language animation and displays it on a screen. Sign language has its own alphabets and grammar. Our system converts speech/audio/text to sign language animation, which is helpful for communication between normal people and people who are deaf and impaired of hearing or impaired of speaking. We are using Python language and Blender 3D Animation tool for implementation of our project.

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30	GOHEL PARTH GHANSHYAMBHAI,PARI HAR VAIBHAV DHARMESHBHAI , PATEL DARSHIL SURESHBHAI	160280107025,160280107 071 , 160280107075	#TAG Predictor	PROF P G PATEL	Twitter is now at the peak of being used as a medium for the people, to raise their thoughts and ideas to the world leaders. Twitter escalates all the tweets by using Hashtags as a centre point in their algorithm. So, to help twitter work more efficiently we have built an algorithm which will generate relevant hashtags, based on the tweet written by the user. The hashtags suggested will contain trending hashtags and fresh custom-made hashtags based on their tweets. This will increase the usage of hashtags and in result, it will generate more input data for the twitter analyses algorithm. We are also displaying the influencers, after which the tweet has gone viral and reached to higher audiences.
31	Panchal Naman Shaileshkumar,Prajapati Harshit Dineshkumar	160280107064,160280107 087	Vertaler	PROF P G PATEL	Now a days, many products has support to handle human understandable languages. Those which are working with computer generated voice also be helpful for huge number of application but voice generated by computer seems like more robotic. This project will helps to convert voice into another one which sounds like produce by human and it can also translate voice in to different language. Voice translator will perform as it can manage to handle pronounce in speakers style. System can able to make generated voice like human so it can be able to translate audio with modified transcript. We use natural language processing techniques and neural networks to get voice structure details and forward it to convert audio from text. Using data, to train system to understand voice we can create fake audio sounds like original. Hence we can say, this project will helps to convert one voice into another one which is understandable by user. Using time frequency of sound waves and recurrent network we can merge information in very small range.
32	Keval Shah,Bhavy Shah, Het Shah, Nigam Shah, Rushabh Tamboli	160280107100,160280107 053, 160280107098, 160280107104, 160280107113	Car Damage Detection	PROF P G PATEL	Image based vehicle insurance processing is an important area with large scope for automation. In our project we consider the problem of car damage detection, where we try to detect the damaged parts. It's useful to the car owners when they get into an accident and for insurance companies for claims processing and to garages for cost estimations. We explore deep learning based techniques for this purpose. Initially, we try to detect if it is a car, we try directly training a CNN. We resize the image and feed it to the model. In this we detect whether the car is damaged or not. Then, we explore the different damaged parts of the damaged car. Thus by detecting the damaged parts, we estimate the cost for claims processing. The user will upload the pictures of damged car. They will be processed and the estimate of the claim amount will be returned if valid based on insurance company policy.

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33	Dhyani Gandhi,Ritu Barot	160280107023,160280107005	Predicting trends with big data analytics	PROF R DAYMA	Challenge was how to bring research information on single platform and segregate them to domain specific by which intelligence can be built on top of that to take business decision and plan future research strategies. The CIO, CTO and CEO of any company needs to observe the prevailing trends regarding their business in the past few years and have to make predictions for better business in the future. The data mining is to be done on certain types of information such as Research papers and Patents. This process will yield set of data points relevant to be considered as keywords of particular domain. Users will be able to get graph of the trends of selected domain and keywords and can then further plan their product development accordingly so that they can maximize their profits. Using our software, it can be beneficial for a company to determine growing aspects or fields related to their business and proper technology can be adopted. Our dashboard will display trending keywords of respective domains and will also depict yearly trend of keyword (selected by the user) in the form of graph.
34	Pranay Chaudhari ,Harshal	160280107009,160280107(	Student Accommodation	PROF R DAYMA	The Student Accommodation System project has been formed to enhance the student experience by providing students with a self-service accommodation booking system, while also significantly reducing time-consuming manual processes for Residences staff. The project aims to implement a self-service solution for students which will provide a user experience that meets student expectations of online booking systems.
35	AVINASH CHAUHAN,BRIJESH CHAUHAN, VISHAL DESAI, HARDIK KHANESA	160280107010,160280107011, 160280107017, 160280107036	SENTIMENT ANALYSIS OF TEXT	PROF T A CHAMPANERIYA	Nowadays, Data is an integral and many precious parts of the internet. Day by day data generated in thousands of terabytes, our idea is about sentimental analysis of text which taken from different sites like twitter, amazon, Flipkart,etc.Like twitter has particular hashtag for a tweet so we give a hashtag to analyse and for that particular hashtag we collect a data from twitter then use it for analytics.In this way we also use for amazon and flipkart for price comparison.
36	Nrujal Sharma,Manan Vaghela, Chaxu Valand	160280107106,160280107119, 160280107122	Rapid Application Development Framework	PROF T A CHAMPANERIYA	The use of software has been increasing rapidly on an everyday basis. With access to smart devices and internet, this usage is estimated to further increase. As a result, there is a huge growth in number of software products created and launched in the market. For a software application there are three parts, one, the frontend, second, the middleware and finally, the database. The frontend and the database structure for different applications is different and hence is the middleware. But, in the middleware most of the times there are transactions with the database and some level of validation and authentication to be implemented which is the same for most applications. The main idea behind our project is to create a request based, dynamic middleware that can help build software with minimum middleware coding required and can handle requests for different applications singlehandedly.

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37	Stuti Sharma,Vibhav Nirmal, Vedant Vachharajani	160280107108,160280107 061, 160280107118	Knowledge Graph(NLP)	PROF T A CHAMPANERIYA	We try to create a machine comprehension model which will understand the context and try to answer user defined queries in order to answer them. The approach is to train the BiDAF model by AllenAI and implement the User Interface on local host. It uses a bi-directional approach of attention mechanism in order to comprehend the context and query better. It is trained on SQuAD dataset and can also take user defined paragraph as context. This model has proved to have 81% F1 score on test set of SQuAD. The basic purpose of the model is to make the model understand the context thoroughly so that when a user generates a doubt regarding the given context, the machine can attend to the query 'smartly' by itself. The other approach is to generate a knowledge graph from the given sentence and display how each of the subjects are related to each other in a space by the knowledge graph.
38	Anand Shrivastava,Virendra	170283107031,1702831070	Stenny, an AI based speech to t	PROF T A CHAMPANERIYA	Stenny, an AI based speech to text conversion from user recorded audio. It uses the custom trained models for speech to text, also it check the whole audio while generating text from it and then generate a result for that specific audio so that user can easily grab on to it.
39	Chodvadiya Nirmal B.,Chav	170283107005,1702831070	Edify	PROF T A CHAMPANERIYA	This project is aimed at developing an Online based Internet based "EDIFY" that is of importance of either an educational intuition or a college. The system is an internet based application that can be accessed throughout the institution or a specified department. This system can be used to deliver educational content to various group age. Student/Tutor logging in may also access/search any enrolled courses. Edify will be one of the online learning platform with interactive GUI and added security functions. Learn software, creative and business skills to achieve your personal and professional goals. Gain new skills and earn a certificate of completion. This project comes with the goal of creating a set of online tools that help educate student.
40	Makwana Maulik ,Na	160280107047,Na	Digital vault for construction site	PROF T CHAUHAN	After Buying the Flat we Provide Services to Customer from Booking to Possession are as: Payment schedule, flat construction work percentage, get latest photos of flat, Allotment letter, billing detail, possession letter, light bill name transfer letter, index copy, jaintry copy, sale deed, maintaince receipt, sms and email notification of updates, approved bank details they can access all the above document life time after doing login in provided portal all the documents are on finger touch. Customer can also apply for loan process after selecting banks and upload the required documents. We also provide Pradhan Mantri Awas Yojana details and guide line for successful approval to get subsidy. Currently our analysis is mentioned above if any update then we sure update in next reporting

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41	AJUDIYA PARTHKUMAR BABUBHAI,KAKADIYA DHRUVIN ASHVINBHAI, KALATHIYA MEHULKUMAR KANUBHAI, KOTADIYA ROHAN PRAVINBHAI	160280107002,160280107 032, 160280107033, 160280107041	SECURE SMART HOME	PROF Z NOORANI	This system is designed to assist and make an automatic system in order to provide safety and automation features for local use. Automation of the surrounding environment of a modern human being allows increasing his work efficiency and comfort. There has been a significant development in the area of an individual's routine tasks and those can be automated. In the present times, we can find most of the people clinging to their mobile phones and smart devices throughout the day. Hence with the help of his companion-a mobile phone, some daily household tasks can be accomplished by personifying the use of the mobile phone. Analysing the current smart phone market, most users are opting for Android based phones. It has become a second name for a mobile phone in layman terms. Secure Smart Home(SSH) has been designed for mobile phones having Android platform to automate a Bluetooth interfaced Arduino which controls a number of home appliances like lights, fans, bulbs and many more using on/off relay. This paper presents the automated approach of controlling the devices in a household that could ease the tasks of using the traditional method of the switch. The most famous and efficient technology for short range wireless Communication-Bluetooth is used here to automate the system. The SSH system for Android users is a step towards the ease of the tasks by controlling one to twenty-four different appliances in any home environment.
42	Bhavesh bambhaniya,Ramesh gudrashiya, Yogesh sanol, Chirag sidhdhapura	160280107004,160280107 026,160280107096, 160280107109	Abnormal activity detection	PROF Z NOORANI	This project is about to develop product that can detect the live activity types like safe, suspecious or criminal. This product will use the deep learning to predict the activity type. Transfer learning and RNN make product more efficient.
43	Aditi Maheta,Munjal Joshi, Jay Panchal, Krishnapriya Panicker	160280107046,160280107 031, 160280107030, 160280107066	Home automation with Google home and Alexa	PROF Z NOORANI	There is not much problem considering the habit of people for switching the appliance on hand-off. But if we consider the lifestyle a bit then there is problem that they can not control the device using orthodox home automation system offering voice commands. Our system integrates Alexa and Google home using which the appliances can be controlled using voice commands.

Sr No	Name of Students	Enrolment No.	Title of Project	Internal Guide Name	Abstract
44	Mehta Kaivan Atulkumar,Desai Kenil Atulkumar, Koitiya Darshan Vasantbhai	160280107055,160280107016, 160280107040	Autonomous Surveillance System	PROF Z NOORANI	The prime purpose of the project is to make surveillance monitoring completely autonomous. It is done by unifying multiple surveillance cameras of a particular system and by maintaining the visual log of personal activities. With the help of spaghetti diagram(bird eye map), person in a system can be tracked. It is designed to eliminate the need of manual control room. The system will be fully automatic and capable of deciding whether the area under the surveillance is under-control or not! Further, the human activity on the system can be recognised. In short, live object detection, face identification and human-system interaction are the key features of this project. It can be applicable in sports analysis, banking systems or in big enterprises.
45	Adarsh Shah,Jay Khatri, Rushi Shah	160280107097,160280107038, 160280107105	Sepsis Detection	PROF Z NOORANI	Sepsis is a life-threatening condition that arises when the body's response to infection causes injury to its tissues and organs. Common signs and symptoms include fever, increased heart rate, increased breathing rate, and confusion. There may also be symptoms related to a specific infection, such as a cough with pneumonia, or painful urination with a kidney infection. The very young, old, and people with a weakened immune system may have no symptoms of a specific infection, and the body temperature may be low or normal instead of having a fever. Severe sepsis is sepsis causing poor organ function or blood flow. The presence of low blood pressure, high blood lactate, or low urine output may suggest poor blood flow. Septic shock is low blood pressure due to sepsis that does not improve after fluid replacement. It is one of the major causes of death especially to patients in Intensive Care. We are attempting to predict the occurance of sepsis and septic shock beforehand to take necessary precautions.
46	YADAV BIPINCHANDR VINODBHAI,THAKER BHARGAV SUNILKUMAR , MALI SURESH	160280107124,160280107115 , 160280107048	WholeTail	PROF Z NOORANI	Nowadays, Online shopping has become an essential part of our life. From a pen to pizza, a fan to fridge - anything you say - is available for online shopping except the wholesale goods. Our project is to implement a delivery system between wholesaler and the retailer with tracking facility to increase their scope of the business. As a result, a shopkeeper is not bound with only one local wholesaler. He can check out more wholesalers with best offers. A wholesaler can grow his business after getting more shopkeepers.
47	SONI NIMI BRIJESHKUMAR,SHAH KHUSHBOO ISHVARBHAI, SHAH MARGIBEN, AACHARYA DHRUVI SATISHBHAI	170283107033,160280107101,160280107103, 170283107001	V-Care	PROF Z NOORANI	V-Care is a patient monitoring application that helps the individuals to track their medical diagnosis. One can register by entering their personal details. The app validates user and allows to login. Doctor/Staff adds the prescription to patient's details. It helps to keep record of one's medical treatment as well one can view it later. One can also monitor health and also uses other functionalities such as hospital near me, BMI calculator, sleep suggestion, calorie calculator etc.