Group 1 Project:

Members: Saaketh Gunti, Bellamkonda Kartheek, Bodavula Teja Sai Srikar, Narreddy Kailash Reddy

Title: Project ATnT (Attendance Timetable and Task Reminder)

Calculating the attendance of students is hectic task for professor, Given that they are engaged in a lot of other activities like own research and preparing question papers.

We intend to build a website which would automate this task and students get to know their attendance statistics once in a month or two, which makes it difficult for students. Every professor has a different approach towards attendance some would take the time spent in class, some would give attendance if student is in class for last five mins and first five mins. We take the input from professor about attendance policy, collect the information from excel sheet generated by teams and calculate the attendance of students.

A portal for also students where they will be able to see their current attendance percentage from the classes they have attended and statistics.

Also, students face lot of difficulties finding the timings of their classes. Student should go to the department page and get the time table then get the corresponding codes of the course to get their time table to make this simple, Students will have a time table based on their registered courses.

Students will also be able to plan out their day By scheduling different tasks like doing an assignment, Preparing for viva etc.

Group 2 Project:

Members: Motati Sarath Chandra Reddy, Patnana Sai Ashrritth, Adduri Sai Sri Datta, Goli Aananda vardhan

Title: An exchange platform for used and lost things

Not everybody can buy everything first hand. Sometimes we would like to buy things second hand to save some pocket money and we may like to sell them to others to make money. It is not just profitable; it also helps to save environment. It is reuse in reduce, reuse, recycle. We can also add a section for lost and found too. Instead of relying completely on outlook when something is lost with this website, we will not disturb the uninterested parties.

GOAL**:**

A platform for buying and selling goods such as electronics, bicycles, Lab equipment, Badminton rackets, books etc and also for lost items.

- Different filters for items such as Books, Bicycles, Electronics etc for users to navigate quickly and save time.
- There will be different sections for Buyers and sellers.

- Two different sections will be added for lost and found items. A section for people to display objects they found accidentally and other for requesting for when they lost something.

USER GROUP:

Residents of IIT GUWAHATI.

Group 3 Project:

Members: Ashish kumar soni, M yogesh kumar, Hemant wankhede, Bodele gaurav jayant

Title: Customer Relationship Management (CRM) Application

Customer Relationship Management (CRM) is a technology for managing all your company's relationships and interactions with customers and potential customers. **The goal is simple: Improve business relationships**. A CRM system helps companies stay connected to customers, streamline processes, and improve profitability.

The major issues which businesses face that our application will be solving:

Customer data is an important aspect for every company. But Businesses lose data when the data is not centralized. Businesses lose valuable customers when they fail to spot trends and meet their expectations. Businesses need to forecast **CAC (customer acquisition cost) and LTV (LifeTime Value)** per customer. It helps businesses to know when the customers start to look at the competitor, lose interest and replace the business. 360-degree view of the customers helps the businesses to grow and attract potential customers.

This software includes:

- CRM connects sales, marketing, and customer service to serve the business' customers in the best way. These teams can work in a collaborative manner.
- CRM systems offer Automations (Ex.: Email templates, Reports, Birthday wishes, etc.)
- Quick response to customer requirements and recording them for later use.
- Record customer interactions and use them later and improve the system accordingly.
- Helps in running marketing campaigns via circulating emails on the user database.

Group 4 Project:

Members: Aayush Sachdeva, Astik raj, Priyank Soni, Rohit Kumar

Title: HOSTEL FACILITATION WEBSITE

We all know that for students living in hostels, even on an ordinary day, an average student interacts with various facilities and people inside the hostel; They interact with the cleaning staff of the hostel, buy items from the Stationary stop, fill entries in registers etc. Also, the

HMC and Officials of the Hostel often find it hard to interact effectively with all the students and swift announcements often are the need of the hour. Keeping all these factors in mind, we are developing a Hostel Facilitation Website that will have features like:

- Create a profile of each student with proper authentication and linking the Hostel Rooms to these student profiles.
- Create a virtual Announcements Section that mimics the Hostel Notice Board and will include all the latest information or notices put up by the HMC / Officials.
- Introduce a Cleaning Request Service where student can request for the cleanup of their rooms or common areas like the Hostel Lobbies / Bathrooms.
- Introduce a Complaint Portal where students can voice their displeasure for Mess Food Issues, Water Cooler Problems etc.
- Helping enhance the Mess system so that we can keep track of which student ate for how many days in the mess.

Group 5 Project:

Members: Ritish Bansal,Suryansh Singh, Anant Shankhdhar,Mayank Chandak

Title: Placement Portal

During internships and placements, the students usually face a lot of confusion for the resources and experiences of their seniors. They have to approach the seniors individually for different companies, their recruitment processes, and their experiences in the companies. So, it would be really convenient, if we could consolidate all of that information in one place, where the old students could post their experiences and the current students could read them. Now, this could also be done by consolidating them in a pdf document, but if the scale of this information increases (taking into account several graduation years, and around 900 students in each year), it gets difficult to structure the information and search through it. This website would eliminate those difficulties.

Some of the features which the portal would include are:-

- A facility for the seniors to upload their preparation phase experience and their company working experience
- The current students could see the summarised statistics consolidated company wise, branch wise, year wise, and role wise.
- We could search through this data based on different criteria, such as skills required, profiles and companies etc
- With the data available we can even add further features such as personalised feeds resource recommendations etc which can be decided later.

Group 6 Project:

Members: Adarsh Kumar, Keshav Chourasiya, Tanishq Katare, Pranav Vinchurkar

Title: Management tool for collaborative development

Any project done with a team needs collaborative thinking and proper progress tracking.

Being able to write down the ideas in form notes, bullet points, images, flow charts would allow developers to smoothly plan the whole development progress.

Resolving conflicts in collaborative development and planning and tracking the progress of the development cycle helps in achieving efficiency and saving time and energy.

Team conversation and brainstorming upon one problem is often needed in such projects so a platform for group messaging and discussion can be best here.

So, the idea is to design and develop software that can be useful for a team in collaborative development

Group 7 Project:

Members: Vanja vivek vardhan, Modalavalasa Jayanth, Aluri Aravind Lenin, Balla Prem Nikhil

Title: **Covid Test and Bed management system for a hospital**

Covid Testing and Bed/Room management has become a hectic task for a hospital in the covid time.So, to help hospitals with the data management and sorting/allocation of beds, or the status of the test sample, we are creating an interactive software which will help the hospital staff to manage the hospital more easily with all these hectic tasks.

Goal:

Testing:

- Taking the Patient Details, creating a sample recieved date and estimated sample result date
- Taking multiple types of tests based on the patient preference/need.

 Managing:

- Managing the current hospital beds/rooms by the patient arrival dates and leaving dates.
- Managing some basic things likeif the patient needs an emergency room and if patient should be allocated to normal ward/covid ward.

- Managing if the patient needs a general checkup or specialist checkup or get admitted etc.

Group 8 Project:

Members: Mesharya M Choudhary, Gollapudi N Lakshmi Narayana, Daksh Sharma, Ayush Kumar Gupta

Title: Food Ordering App

As we all know, the current pandemic has confined all of us into our spaces and has stopped us from having a nice restaurant experience but it has not stopped our craving for hot, mouth-watering, delicious food. So to bridge this gap, we are planning to develop a food ordering app that will connect restaurants, canteens, and eateries to customers. We will create an interface that will provide the following features:

● Allow users to browse through different menus

● Place orders, and track their order status

● Users can also communicate with restaurants through the in-app chat service

● One can also write blogs to share their views, new openings, etc.

● Customers can also rate and write reviews on the restaurant to express their experience

Group 9 Project:

Members: Rishav Mondal, Siddharth Charan, Shrey Verma, Pawaneet Singh

Title: Application for conducting online classes

Online classes have become a vital part of a college student's life during this pandemic time. However, many people often complain that online classes lack the enthusiasm and interactivity of regular offline classes, and hence the quality of learning is not up to the mark. The goal is to provide clarity in communication between the professor and the students, and to make the students' lives as convenient as possible. The following measures could be taken to ensure that:

- Students should be able to easily access the lecture videos uploaded by the professor in sequential order (sorted by date) in a single place.
- Students can only view videos and material only for those courses that they have registered for.
- Professor can upload reference text and lecture pdfs in a separate tab
- Professors can also organize live classes if necessary.
- Students can post doubts regarding specific lectures in another tab, and only the professor can see the doubts (for maintaining confidentiality). On the professor's

side, there can be some sort of filter/colour to separate the unresolved doubts from the already resolved ones.

Keeping the above points in mind, our goal is to develop a software application which can help a college student in his/her process of taking online classes.

Group 10 Project:

Members: Divyam Singal, Ahaan Sameer Malhotra, Shubham Shankar, Aniket Kumar Mishra

Title: Photo/Video Editor

User Group: Social Media Influencers. In today's world, a lot of people like to post edited photos and videos to increase their reach on social media. Most of them often spend a lot of time looking for suitable software to solve their purpose and end up dropping the idea completely.

Goal:

- Give users flexibility to use and remove parts of their photo/video easily (replace unwanted parts of photo using AI).
- Allow users to combine two photos easily (e.g. add person to group photo, morphing).
- Allow users to create videos by combining existing photos, videos and audio (merge videos, video slideshow, change video audio).
- Enhance quality
- Easily change dimensions of photo to fit into guidelines of specific social media app.
- Allow users to create funny photos by combining multiple existing photos (place smaller photo on another, or similar)

Group 11 Project:

Members: Anirudh Phukan, Pradnesh Prasad Kalkar, Varenyam Bakshi, Saket Kumar Singh

Title: Settling group transactions among college students

Settling money among a group of students after eating in the canteen, coming from a trip, etc. is a cumbersome task. They use traditional methods, WhatsApp group, notes application, or just rely on their memory, which leads to conflict and mistrust among peers. Our application intends to solve this problem by providing the students with a mobile application that helps them track and settle transactions that are to be split amongst themselves.

Group 12 Project:

Members: Ajay Kumar, Simran Garg, Soumya Gupta, Yashwardhan Modi

Title: Home Servicing Platform

Housing appliances need timely repairing and servicing, for that we need to call electricians, plumbers, carpenters etc. Sometimes it happens that they cost us more, take more time than other service provider to repair the appliances and there is problem also in searching available labour for work (might be the case when someone is new in that area). A door-step home servicing platform and application which will use technology for the convenience of users by providing them a transparent connection with service providers. In this project we will develop a platform for both clients and service providers and help them in finding the best deal without any hassle. Clients can call or request for services. The platform can provide assisted door-step pick-up and drop, an in-built inventory management system that enables reduction of waiting-time, smarter stock allocation, an order management system etc. Service providers will register and add their services, range of work and rates so that customers can service with best deal for them.

Group 13 Project:

Members: Shreyansh Meena, Vignesh Rao, Tattukolla Lokesh, Tanay Maheshwari

Title: Medical Assistant Application

The COVID-19 has shown the world the importance of telemedicine. More and more people have started to prefer short online consultations over physically visiting clinics and being exposed to microbes. Moreover, working individuals might find it hard to spend time waiting in queues at both clinics and pharmacies. Taking inspiration from the recently introduced telemedicine service by the IITG Hospital, this application aims to extend this service to a broader audience and include other features.

The features of this app can include:

● Provisions to schedule consultations with various doctors offline and online.

● Live video consultations for routine checkups, which is time-efficient for both doctors and patients. Only symptomatic patients can be called to the clinic; reducing crowds there.

● Doctors can provide e-prescriptions that can easily be saved for the future and have improved legibility.

● Implement medicine intake remainders, the older generation and busy ones can benefit from reminders for medicine dosage.

● Provision to primarily verify/check if the individual has the disease or not by assessing symptoms for frequent and common diseases (by asking a series of questions to the user).

● Maintain a health record, kind of meant for both doctors and patients. Users can enter their health records in the application from time to time, this data can be shared with doctors when required for better understanding.

Group 14 Project:

Members: Upender Dahiya, Ritesh Kumar, Ritik Kumar, Sanidhya Patel

Title: Project Portal

In colleges and universities students make a wide range of projects for variouspurposes. But due to lack of time they prefer to do it in groups so as to do it effectivelyand efficiently. Due to lack of any specific medium this task of gathering skilled studentsbecomes very hectic. Similarly, many students desire to participate in hackathons orcompetitions that involve teams which face the same problem. There are also studentswho have some skills and desire to hone them by working on these projects. However,they are unable to do so because they are not a part of any groups.

Goal: To develop an interactive software to let people form teams for various projectsand hackathons

User Group: Students who wants to form a team and students who want to join one

Group 15 Project:

Members: SWAPNIL SRIVASTAVA, RAGHAV GUPTA, VINAYAK BHARADWAJ, KUNAL MAAN

Title: Post HF Self Care Application

Heart failure is the leading cause of hospitalization among adults >65 years of age. Discharge from a heart failure hospitalization is followed by a readmission within 30 days in approximately 24% of the cases. The readmission is not only a sign of worry for the individual, but it also depletes the resources and facilities of medical institutions. Possible reasons for the high readmission rate are-

- Lack of awareness about lifestyle choices
- Infrequent monitoring of critical metrics (eg. heart rate, SpO2 levels, etc.)
- Not recognizing the early symptoms
- Inconvenience in seeking regular professional advice
- Negligence in taking prescribed medications

Design and develop software that can be useful for heart failure patients.

Group 16 Project:

Members: Mushanolla pranathi, Chappidi shreya, Bolleboina madhumitha, Kalapati kasvitha

Title: Invoicing Software

Many software companies outsource software development services. anyone can utilize this opportunity and can contact them. These companies can create software as per your requirements and in the said timeline with reasonable prices.

There are infinite agencies that require **invoicing software** for performing their important tasks to ease their invoicing as well as the payment process.

Most accounting solutions require an accountant or accounting knowledge to measure and analyze financial metrics. With invoicing software things become easier to manage.

This software includes -

- Creating, editing & sending invoices directly from the software.

- Automated recurring invoices saves lots of time in preparing an invoice.

- Tracking the status of invoices and payments of the order.

- Analyzing finance metrics like income flow, profits and losses.

Make software to help students, TAs, and professors keep a track of ongoing academic activities.

Group 17 Project:

Members: Mariyala Vaishnavi, Anjali Priya, Nancy Allaria, Lakshmi Soujanya Kolasani

Title: Virtual Group Study app

We will design and develop a software that can be used by a student for group study.

Group work gives students the opportunity to engage in process skills critical for processing information, and evaluating and solving problems, as well as management skills through the use of roles within groups, and assessment skills involved in assessing options to make decisions about their group's final answer.The aim of group work is to enable you to undertake more detailed and comprehensive projects leading to deeper learning. This is achieved through the combined talents of group members contributing knowledge, skills and ideas.Some college students can find themselves to be naturally rebellious toward authority figures. This rebellious attitude can lead them to feel frustrated with academic assignments; however, the added responsibility of studying with a group of peers, and

without the influence of an elder figure, can enable these students to feel more apt to participate, thus promoting responsibility, education, and team building.The following way student can engage in group study:-

1)Share Study material with fellow members

2)Ask Questions and get your doubts resolved from several felllow members studying the same subject or preparing for same exam

3)Create study notes and share them within group

4)Get access to large number of study materials shared in your study group

5)Discuss among your friends and stay updated with latest exam notifications and date

Group 18 Project:

Members: Kartik Verma, Harshit sureka, Vineet Agarwal, Akshat arun

Title: FreelanceNation

Idea:- Due to the ongoing pandemic hiring or getting a job has been very difficult.

We are creating this project to help students and make the process of finding part-time technical and non-technical jobs easier. Moreover, there are a lot of formalities to be done in order to actually start working in a company, and these are exhausting and time consuming for the employer as well. On top of that, college and company guidelines often restrict students from getting into a formal internship/job with the employer.

FreelanceNation takes away the additional workload from the employer and also provides the aspirants with a plethora of opportunities.

FreelanceNation presents to the student a list of all the available companies and employers currently hiring interns. Besides hiring, our project also focuses on services. Simple services that are required by normal citizens, for which they are willing to pay. These services can be done by anyone, the only requirement is to have the ability to successfully complete the required service.

Some features:-

1. Users can either be employers or employees.

2. Employers can post/delete services and also respond (accept/decline) to the applicants.

3. Employees can filter the jobs according to their requirements (duration, pay, tech stack, work from home)

4. Option to message the employers to get more info.

5. Online payment by the employers.

Group 19 Project:

Members: Aditya Sinha, Aryan Anshuman, Harsh Jaiswal, Pathlavath Srikanth

Title: LIBRARY MANAGEMENT SYSTEM PROJECT

Library management is a project that organises and maintains electronic book material based on the demands of students. Both students and library managers benefit from the system, which allows them to keep track of all of the books available in the library at all times. It allows both the administrator and the student to look for the book they want.

Some of the possible features are: -

- Add books
- List books
- Update information
- Search books
- Issue Books
- Return books
- View available students

Group 20 Project:

Members: Atal Bhatia, Aryan Rathod, Prakhar Rajpali, Aviral Gupta

Title: An automated tax filing software for SMEs.

Filing for tax return, availing tax deductibles and utilizing GST to it's maximum extent aids the largest sector of the indian commidity market.

Group 21 Project:

Members: Shelly Chouhan, S Roshan, Dyuti Mangal, Swastika Gupta

Title: Day Scheduler

In an online semester, it is easy to procrastinate and pile up work. Suppose you have a lot of tasks which you need to do in a certain time period, along with some pre-decided commitments. It helps massively to have a schedule that can accommodate all this. Good time management skills can prevent needless stress and backlogs, thus helping you with your grades. It can also free up a lot of time that is otherwise wasted, thus giving you time to unwind and take breaks, thus preventing fatigue and burnout. Possible ways to do this are:

- Make a list of all the tasks to be done on a daily basis, and the corresponding deadlines; and allocate time slots for each of them
- Checking the actual time taken to perform tasks and allocate more realistic time slots in the future
- Tracking whether he/she is able to follow a schedule faithfully

- Prioritise certain tasks based on deadlines, workload etc.
- Break up tasks into multiple segments to prevent monotonicity.

Design and develop such an application that can be used by **college** students.

Group 22 Project:

Members: Marpina Bharani, Rahul Reddy Peddaiahgari, Amancha Jagruth, Bhukya Bharath.

Title: Accessibility to medical facilities for campus residents via digital technology

Health is an important factor in everyone's life. As in the current situation, it became a crucial aspect. This pandemic is a risky time to visit a hospital as the possibility of transmission of viral diseases exists. As a result, providing digital facilities will be very beneficial for all campus residents as well as students outside the campus. Digitalization will include:

- Sections for concerned specialization so that patients can specify their problem to the required doctor in written format.
- Patients can be consulted by doctors depending on the severity of the issue.
- Regular records of the consultations are maintained.
- Other features such as availability of doctors, emergency services, etc.

This will hopefully increase the level of medical services available on campus to all residents.

Group 23 Project:

Members: Aditya Trivedi, Atharva Vijay Varde, Akshat Sinha

Title: Competitive Programming Helper Forum App

Across engineering colleges of India, thousands of students take part in competitive coding contests and practice problems on data structures and algorithms. There are many resources available for students to get started and grow in this domain. However one important part - a centralised forum for doubt discussion - is missing. Contests occur 3-4 times a week across the various websites, and each contest has 4-6 problems. Very few solve all questions

correctly, so there exist many who missed out on solving some question or grasping the concept behind some problem. Simply reading the correct intended solution is not enough and this is where one's seniors/friends come to help. A friend properly explains the solution along with prerequisites, alternate theories and shows where one might go wrong. But not everyone has such good friends. Hence we introduce such a forum which also has additional helping features which will lead to a programmer's growth.

Features :

➜ Support for audio snippets to enhance code explanation

➜ Various QnA and Poll features to make doubt clearing easy

➜ Matching people who have doubt in some problem to people who know how to solve that particular problem

➜ Tagging questions based on the concept used and filtering discussions based on tags

➜ Sorting questions across websites based on their tags (for help in practising a particular concept)

➜ Special section to mention wrong approaches which may seem intuitive/correct initially

Group 24 Project:

Members: Avula Babitha Lakshmi Sai, Chelsi Rawat, Chittala Venkata Naga Sindhu, Priyal Sharma

Title: PayTax- Your personal CA

Handling personal finances is one of the responsibilities that comes with Adulthood and it is rarely emphasized during early education. There is little awareness about the income tax system so youth tend to get confused during the early stages of earning. Due to this they might get conned by unreliable consultations to handle their finances. If a young person knows the income tax system, it will benefit them throughout their lives.

- It educates about basic income tax knowledge through videos.
- It takes the users details about their income and purchases, and calculates the tax that the individual needs to pay by the end of the fiscal year, along with a detailed analysis of the calculation.
- It also keeps track of all the transactions in order to calculate annual tax.
- It also recommends about best tax planning strategies to minimize the tax and use money wisely.

Group 25 Project:

Members: Bhuvan Aggarwal, Braj Nandan Kalya, Karan Raj Sharma, Raahil Badiani

Title: Typing speed testing app (web app)

Intro - Anyone who works on a computer be it for personal or professional work, has to use the keyboard. It is always a plus, for the regular computer users to have the full keyboard on their fingertips. So if we have a good typing speed then this can save us a lot of time in the long run and make the use of computers more enjoyable. For that there are 2 key things. Touch typing and practice which is what we aim to achieve via this app. Users can practice even on a text editor, but it is helpful if they can see some other metrics like most common mistakes, their progress. Aim is to provide a typing specific platform that caters all such needs and makes it easy for the user to go through this learning journey.

Target Audience - All who are keen to type faster than they can currently. This is not aimed at those aiming for professional typing jobs.

Features -

- Typing speed detection
- Gamified app to make this learning a fun experience
- Analysis about typing speeds

Group 26 Project:

Member: SUGANDHI GUPTA, PARAG PANIGRAHI, HARDIK SUHAG, MAHAJAN ANURAAG PRAMOD

Title: Touch Typing Platform

Aim - Our aim is to build an online platform for learning touch typing interactively.

User Base - People who want to learn touch typing (programmers, typists, analysts etc.)

Synopsis -

Since most of the time spent by a programmer is on the keyboard, it is imperative to learn how to type

fast and with as less strain on fingers as possible.

By far, touch typing is the best option for this. It increases speed as well as ease of typing.

But since it has a learning curve associated with it, a tool is required for learning it, not only in the best way but also as fast as possible, as to not hinder with learner's regular work.

This is where a need for a concise and well-researched software arises, which wastes as little time as

possible while learning the skill.

A major drawback in trying to learn touch typing without precise software is that people tend to

revert back to their older typing habits in lack of proper motivation and drop in daily work's efficiency

due to drop in typing speeds while learning.

These issues can be tackled by smart design choices which in turn can be done through the

design-prototype-evaluate cycle, demonstrating the usage of SDLC in the process.

Some of the key features to be included :

1) for gradual learning - predefined lessons and code templates

2) dynamic lessons based on feedback from user's weak areas on keyboard

3) users can create and practice on their own lessons (helpful for programmers)

4) detailed profile statistics to indicate user progress

5) set daily goals according to the current level of the user

6) competitive mode for accelerating learning curve owing to competition with other learners

Group 27 Project:

Members: Ekeshwar Gowla, Dilendra Uikey, KSHITIJ ARORA, Vivek Kumar

Title: Business Management Software

Most of the small businesses and stores have the problem of not being able to maintain the business properly. Everything from sales to accounting is scattered and this leads to confusion and a major loss of efficiency. They can't effectively maintain the stocks and future demand of their products or services. Also, connecting with customers via WhatsApp/Messaging is also currently not possible. These things may be minuscule separately, but when combined and solved, they may lead to significant growth in business. Develop an application with the following features solving the above-mentioned pain points:

Simple and easy to track sales/purchase data along with prices of each item so that the shop owner can easily calculate the profit per item. ● Maintaining a flexible inventory management system that can accommodate various products available, as it will lead to more variety in ready stock.

● Maintaining digital "Cash-Balance" (Real-Time Cash Balance of the store) and Integrating various payment modes so that the customer has all the options to pay and thus customer satisfaction also increases.

● Bulk emailing and messaging to customers, putting a light on all the available deals that are currently ongoing.

● Maintaining employee data, ranging from check-in time to leaves to all the orders that they deliver to home.

● Designing a proper accounting dashboard, which highlights all the sales and expenses along with the taxations involved. This will enable the shopkeeper to easily manage the tax returns he/she has to file. All these measures, if taken properly can help businesses grow like never before. This is because it solves all of the following problems, currently existing in the system:

● Enhanced Business Reporting

● Better Customer Service

● Improved Inventory Costs

● Increase of Cash-Flow

● Automation of tedious tasks

● Better hold on Supply Chain Management

Group 28 Project:

Members: Rishav Raj, Ranjan nathani, Prerit Tudu, Rudra Umesh Mahajan, Uday Singh

Title: Online exam system for university students

As we know, now-a-days many exams are conducted online. In this project, we will be building a system (including interfaces) for conducting online exam system for students of our university.

The system should have the following facilities.

   a) Creating of question bank by the examiner.

   b) Starting and ending of the exam by the administrator.

   c) Setting of exam duration by the administrator.

   d) Question answering by the student.

   e) Facility for the student to see and pick questions to answer.

   f) Timer displayed to the student (time remaining).

g) Auto-closure of the exam (after the penalty end time runs out).

h) App will work in full scrren mode only otherwise it will close.

i) Feedback by the student.

j) Chat of student with the examiner during Exam

k) Status of Questions attempted/review of later/not visited

l) Penalty for late submission (5% for each minute(must pay the penalty if next minute starts))

End Users : Students and Professors of IITG.