

Marathwada Mitra Mandal's
College of Engineering, Pune

Accredited with 'A' Grade by NAAC, Recipient of "Best College Award 2019" by SPPU

Problem Statements

- PS01 - Develop a prototype of Cloud based- AI enabled Application to recommend different courses to learners based on their learning style and personality traits to facilitate efficient learning
- PS02 - Design NLP and AI based Smart Bot application for Doubt Solving with facilities like mentor recommendation and appointment booking for personal guidance.
- PS03 - Create a Cloud based Analytical Tool for Exam Assessment, Evaluation and Digitized Report Card Generation System with an option to publish it on Professional Platform like LinkedIn and others.
- PS04 - Code AI powered Chatbots to offer personal counselling to students for effective decision making around career choices.
- PS05 - Stock Market Price Prediction for the next 10 days using machine learning
- PS06 - Theme Specific - Text Generation using Machine learning
- PS07 - Conversational Bots using Dialogflow.
- PS08 - Employee Tracker. An android application where employees can have all of the basic requirements on their fingertips. Employees can request for leaves, update their profile picture and information, request for knowing the available leaves, and can also provide interview feedbacks (via a simple form in the app itself). The employee should be able to login with his/her own credentials (provided by company) but cannot create new accounts.
- PS09 - Grocery Shopping. An android application where users can purchase and order groceries online. The system is developed with a user-friendly and attractive GUI. It delivers a wide range of groceries available online. Users have to first login into the system to view the groceries and add them into their cart. The system functionality of products and orders is stored on server side in a web service. The android app is for client usage. It consists of client side scripting for placing orders by connecting to the server side web service.

- PS10 - Expense Tracker application which will keep a track of Income-Expense of a user on a day to day basis. This application takes Income from user and divides in daily expense allowed. If u exceed that days expense it will cut if from your income and give new daily expense allowed amount, and if that days expense is less it will add it in savings. Expense tracking application will generate report at the end of month to show Income-Expense via multiple graphs. It will also let you add the savings amount which you had saved for some particular Festivals or day like Birthday or Anniversary.
- PS11 - Web scrapper to scrape data and store in excel (2 sites) (zauba corp and cibil).
- PS12 - Encryption of certificate issued by online courses so that they can't be forged and centrally store the Ids.
- PS13 - View bot for Quora/YouTube.
- PS14 - Web application for a music company to segregate playlists based on different moods (ex. Happy, sad, calm, energetic, etc). Two types of users: Company Representative(Admin) and Business User (End user). Company user can add, modify, classify and delete songs from the system. Business user can search and listen to songs according the mood specified.
- Business user can give feedback on the mood based autogenerated playlist. The system should automatically change/add new mood type of that song(s) based on feedback.
- PS15 - Web application for task and team scheduling. Three types of users: Manager, Lead, Resource. Manager can add,modify and delete projects. Lead can break project(s) into tasks and assign team (multiple resources) as well as individual resource. Resource should get his list of task to be completed. Resource can also request new task or change in current task, the approval for new task or change in current task should go to Lead. Each task can have categories: New, In-process, Completed and Backlog. A live report should be generated at the Manager dashboard. Lead should have all visibility over Resource Tasks and Manager should have complete visibility.
- PS16 - AR Open Innovative.