Project 01

- Every year, supervisor is assigned for final project. Students form their own group consisting of 3 members (maximum). A platform is to be developed which will help the supervisor. A supervisor can enter the details (group members info, project/thesis info etc.). By this platform, a supervisor will be able to:
    - See how many groups have completed their projects. Also, can view the details (like: year/date completed, grade achieved, marks for each category etc.)
    - See the upcoming groups who are nearly at the final stage

Project 02

- A platform is to be created: Teacher and Student will be the user
- Teacher will create course for a specific session
- Teacher will create Group
    - For example: UML, Software Testing, Process Model, Requirements Specification, Flow Diagrams
- In each group, teacher will create some questions
    - Question can have figure/image also
- There will be an option to assign the students who have enrolled to that course
- Teacher will generate assignments for the students
    - Each assignment will have: number of questions = total groups
    - Randomly questions from each group will be assigned for each student
- Student (after login) can view the assignment which is generated in the previous step

Project 03

- A platform will be created for the students and teachers
- Student and Teachers will be registered
- After login, a student can submit his project idea
    - Student can enter other group members information
    - No of group members will be dynamic
    - Student will give Project Title and Description
    - While adding group members, a checking process is to be integrated which checks if student is already assigned to another group
- Teacher can view the project ideas submitted by the student
- If teacher accepts the idea, then the status will be 'Accepted'
- Student can view the status of their submitted project ideas

Project 04

During Enrollment, sometimes it happens that, student has exceeded the limit of credit. And sometimes a student can't enroll as the section has already the maximum number of students enrolled. Then manual entry is given.
- There should be an option for the teacher to give the manual entry
- Student can do the enrollment process as usual
- During enrollment, while a student selects a subject, if there is any limit, then message will be shown immediately
- This project assumes that the routine is not yet completed
- The aim of this project is to find those subjects having no overlapping students
- After students request for the subjects, they want to enroll, there will be an option to find out those subjects as following rules:
    - First show those subjects which have no overlapping student
    - Then display subjects in ascending order (first show subjects which have minimum overlapping etc.)

Project 05

Currently, the number distribution is fixed for theory/lab courses. The aim of this project is to make it dynamic.
- Admin will create courses, teachers, sections, and session etc
- Teacher, after being assigned to a particular course, can fix the mark distribution
- Marks will be given accordingly
- Results will be calculated accordingly

Project 06

Suppose, Premier University have decided to make the admission process online. Candidates can now apply online to their intended department. After submitting the application, respective department will view the applications. They can use filters to find out specific information. Candidate can also download admit card for the admission test.

Project 07

In each semester, teachers have to provide lesson plan to the students. In this project, you have to develop a software by which teachers will be able to provide the lesson plan for his/her respective section.

Project 08

After COVID19 pandemic, vaccination process is a mandatory for government. You have to build an application so that users can register for vaccines. The application will be similar to Surokkha app.

Project 09

Nowadays Universities often have to arrange Conference, where there are users like Admin, Conference Admin, Authors, Reviewers. You have to develop a web application to manage such a conference.

Project 10

In each semester, various teachers are assigned to conduct various courses. The respective teacher requires submitting the progress (for example, how many CTs are taken). You have to develop a web application by which chairman of the department will view the progress.