IIIT-GPS

Your education, Your way

Check out the web app here :-
https://web.iiit.ac.in/~sanchit.arora/IIIT-GPS/html/index.html

Problem Faced

The students waste their vacations because they have inadequate resources for the forthcoming resources .

Most students have a misconception about the courses. Some courses might feel appealing. But students face reality later (like ISS or IoT).

The students are unaware of the prerequisites of a course and its speed. "Officially" the courses like CPro assumes no knowledge of programming, but we know how fast it goes and how many students struggle with it.

Our Solution

Our solution to this problem is to create a platform which shows the reality of the courses.

Instead of scattered suggestions of the seniors, more organized suggestions (and learning resources) will help a student to utilize his/her vacation.

They will prepare themselves according to the difficulty, duration and syllabus of a course by following suggestions given by seniors.

Current Features

- A good looking, fully responsive website to enhance user experience.
- Functionality to bookmark a course and display in "My Courses". Data is stored in local storage.
- Course cards displaying info like tags, difficulty, duration and rating.
- A dedicated course page for the Syllabus, Resources and Suggestions/Comments of other students.
- A working rating system (data stored in firebase).
- The app takes course data from a JSON file hosted on Github, therefore easy updating of courses.
- Anybody can add/update course data by simply filling a Google Form.
- All courses systematically arranged by year and semester

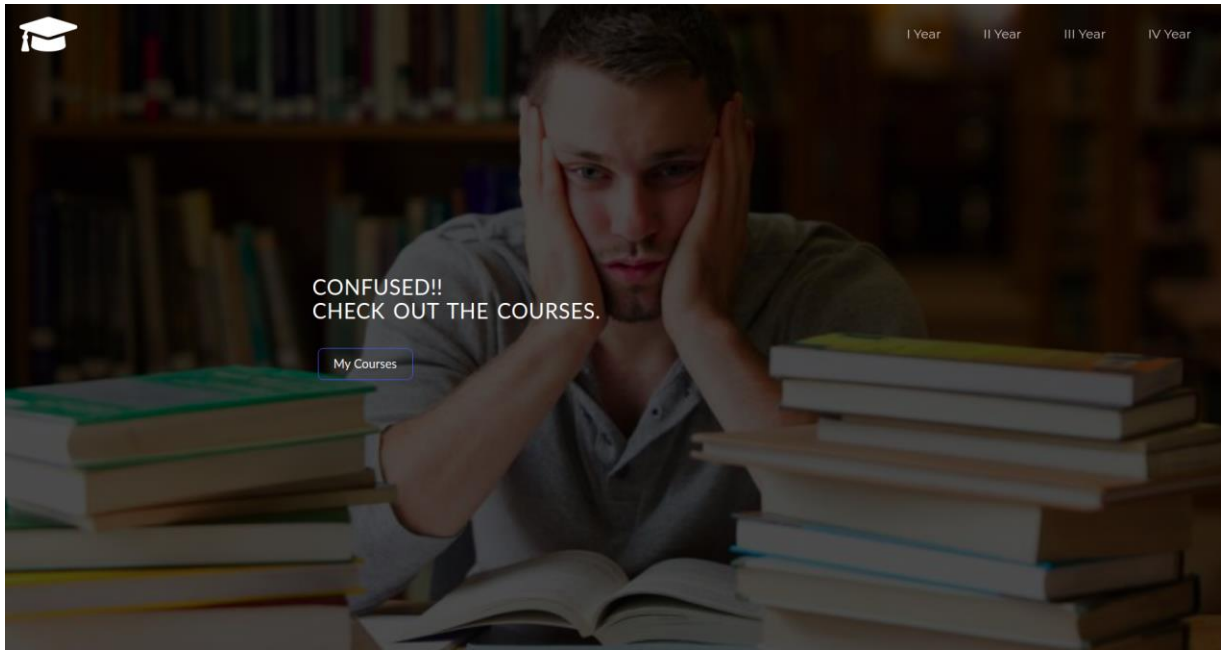
Technologies Used

The whole App is made using only simple HTML, CSS, Jquery, Handlebars.js and vanilla JS.

All Course Pages/ Year pages are made dynamically on request by user. This is done using localStorage and Handlebars templating in a very clever way!

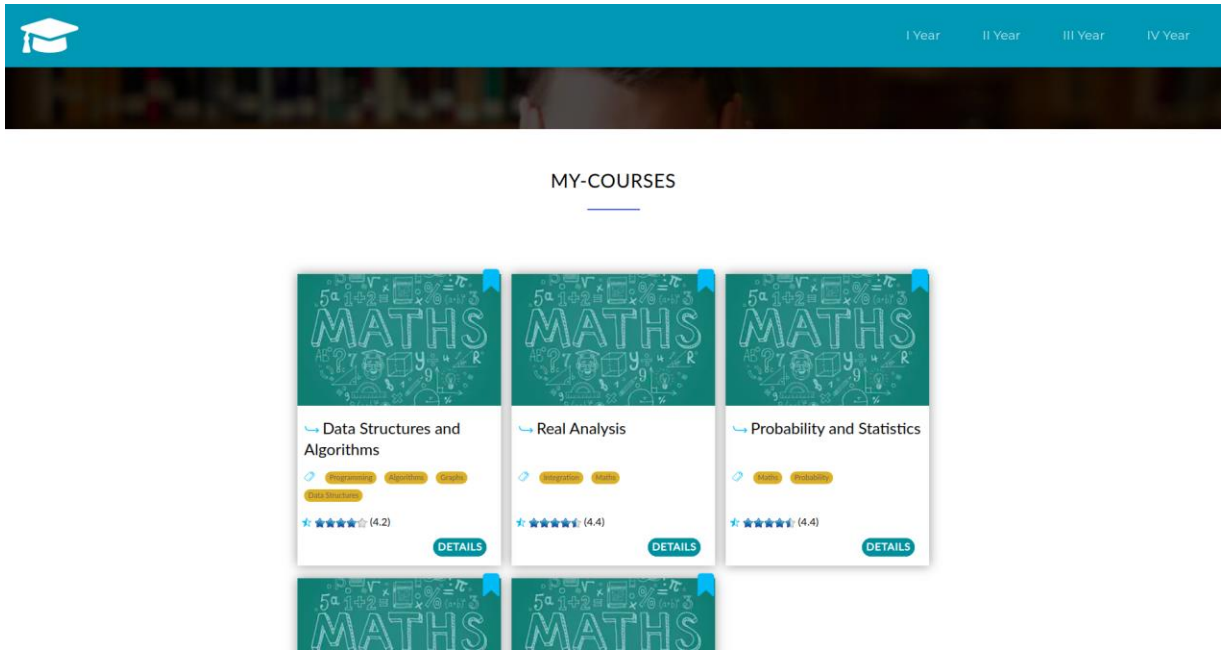
Firebase to create global rating system.

Overview



Homepage

A nice visually pleasing homepage

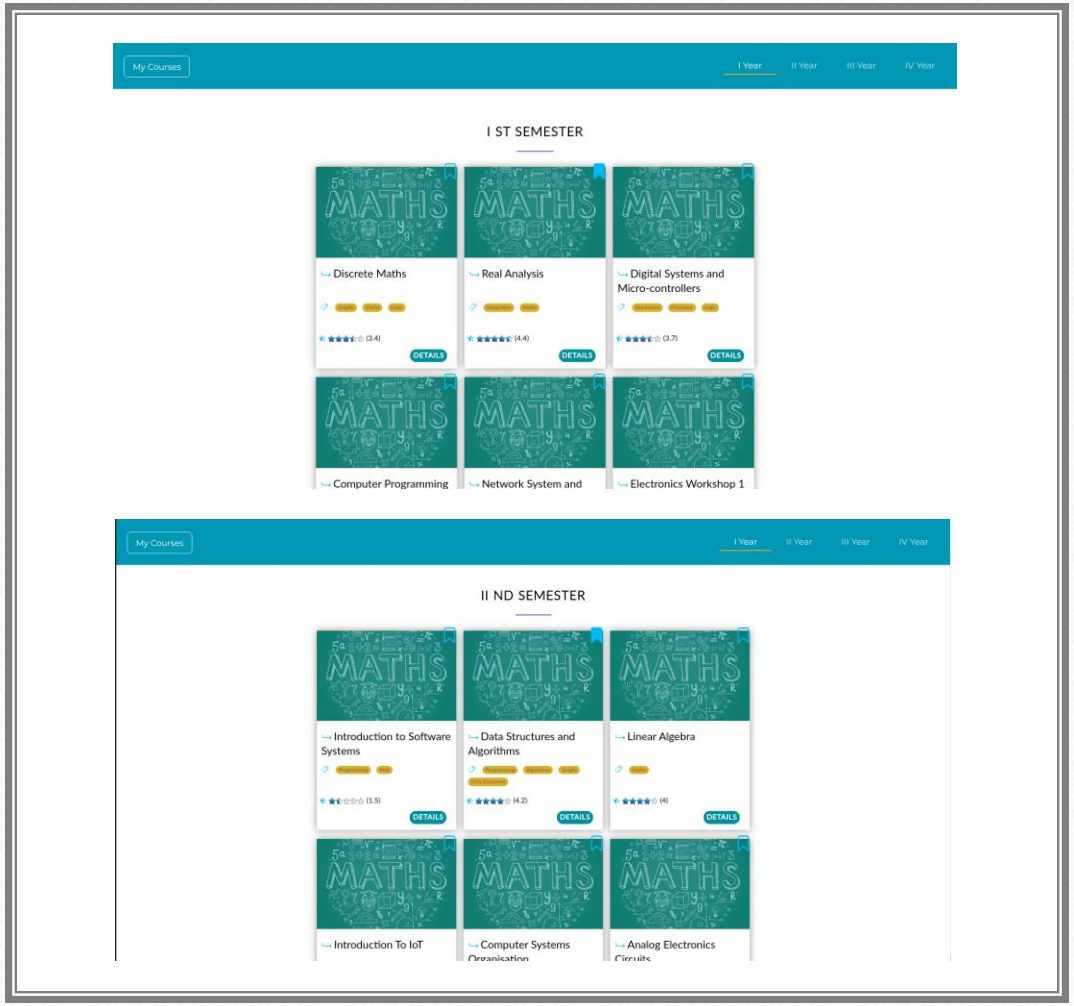


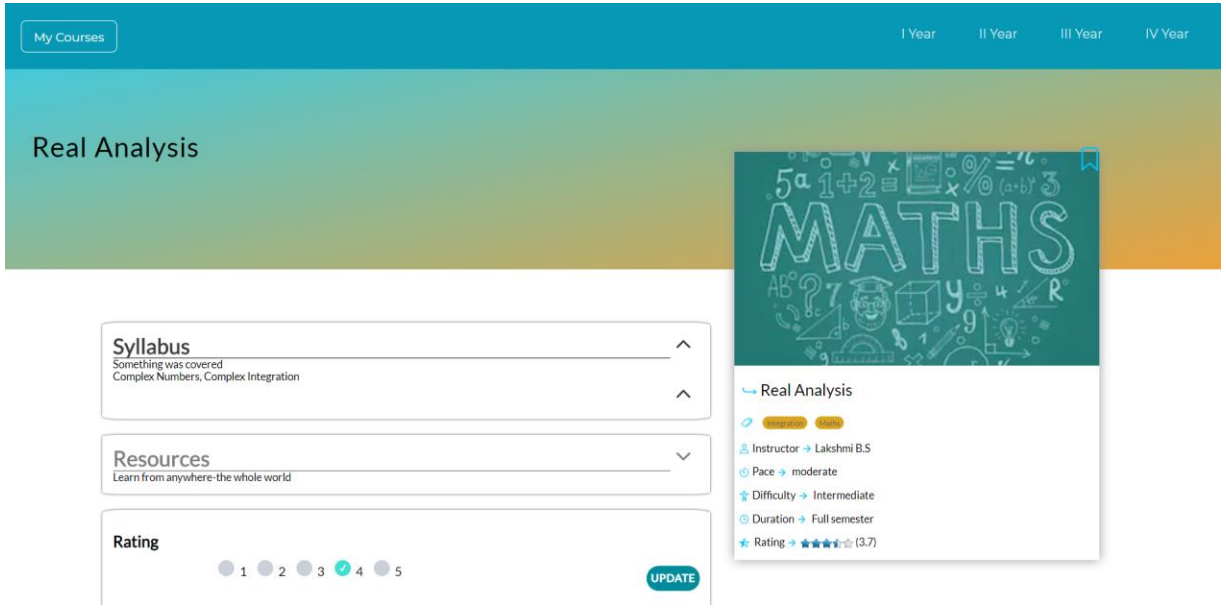
My courses

All bookmarked courses on one focused area on home page

Year Page

Courses well orgainsed by years and semesters





Course Page

Concentrated course page for each course

Our Goals for near future

Add more courses.

Create a database for read/write operations.

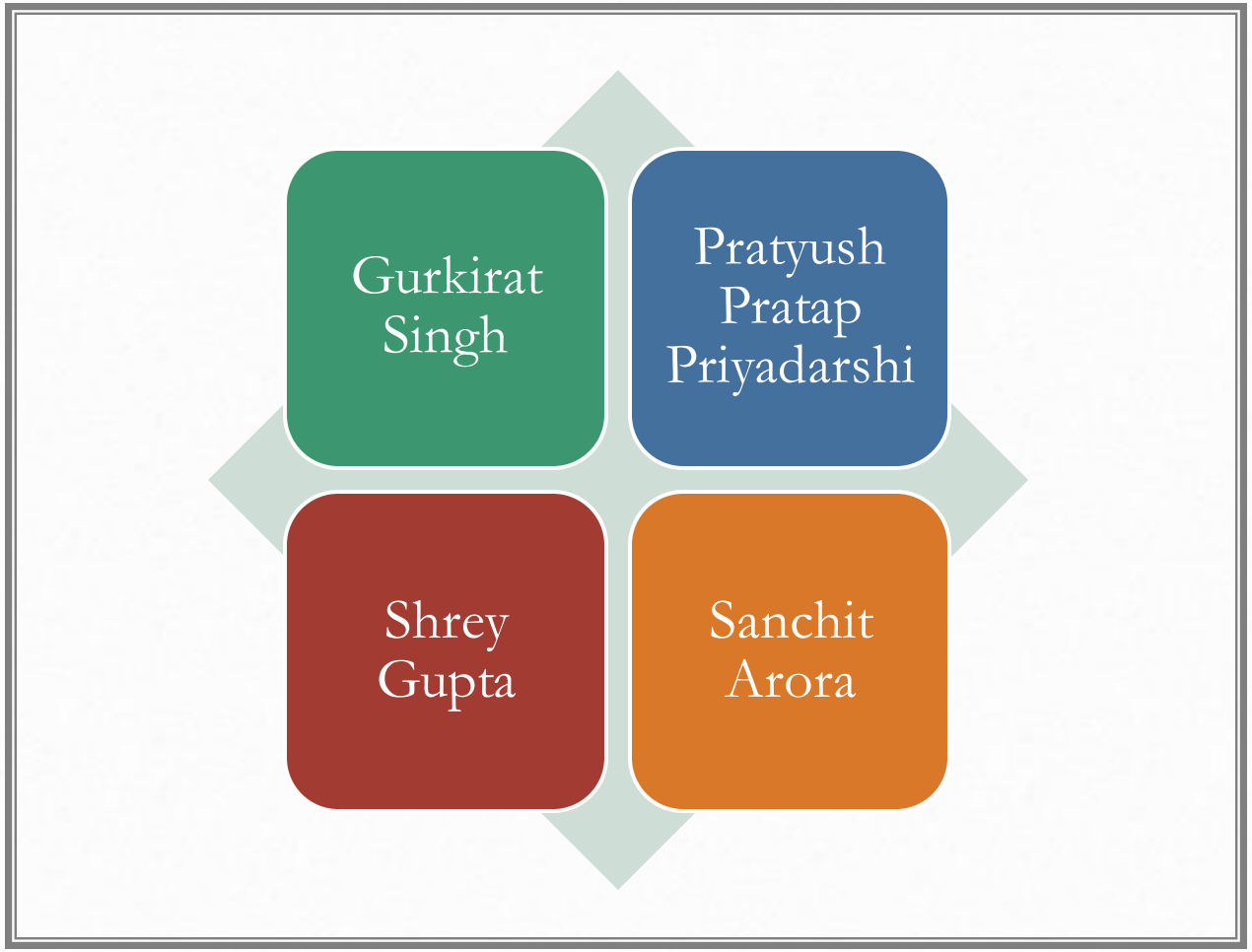
Use a self-made commenting system.

Add functionality to create users account and store data like bookmarked courses globally

Allow users to request suggestions/resources from another user.

Implement a search bar for courses for easier access.

Recommendation System on the basis of tags.



Created by:- Domino Developers