

Software Requirement Specification for Course Registration portal

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Problem Statement	Course Registration Portal

Stack:

Front End	HTML,CSS,JS
Backend	PYTHON,DJANGO
Data Base	MYSQL

INTRODUCTION:

PURPOSE:

The reason for this report is to introduce a definite portrayal of the course enlistment entry. It will make sense of the reason and elements of the framework, the points of interaction of the framework, what the framework will do, the requirements under which it should work and how the framework will respond to outer improvements.

SCOPE OF THE PROJECT:

- To plan and foster a framework that permits understudies to enlist for their specialization course and individual electives and extra courses.
- To give an easy to use point of interaction to understudies to choose and enlist for courses.
- To guarantee the framework is versatile and can deal with countless clients.

USERS:

Student:Students will have access to the portal and they may register their choice of courses under their department

Admin:Admins can view the course a student has registered.

USER STORIES:

As a student I would like to browse and select the elective courses

As an administrator I want to keep track of the courses and add ons students have selected so I can keep the course catalog up to date.

BUSINESS CONTEXT

BIT Sathy strives to increase the effectiveness, precision, and student experience of its course registration system. Through the use of a cutting-edge, web-based solution, the organization hopes to:

- Make the student registration process more convenient and accessible. Cut down on administrative work and manual errors.
- Improve the registration system's security and integrity. Make sure it can scale to meet future demand and modifications in the range of courses offered.

FEATURES:

Student Profile: Stores student information, including their department, major, and academic advisor.

Course Catalog: A database of all available courses, including department courses, electives, and add-on courses.

Registration System: Allows students to register for courses online during their scheduled access times.

FUNCTIONAL REQUIREMENTS:

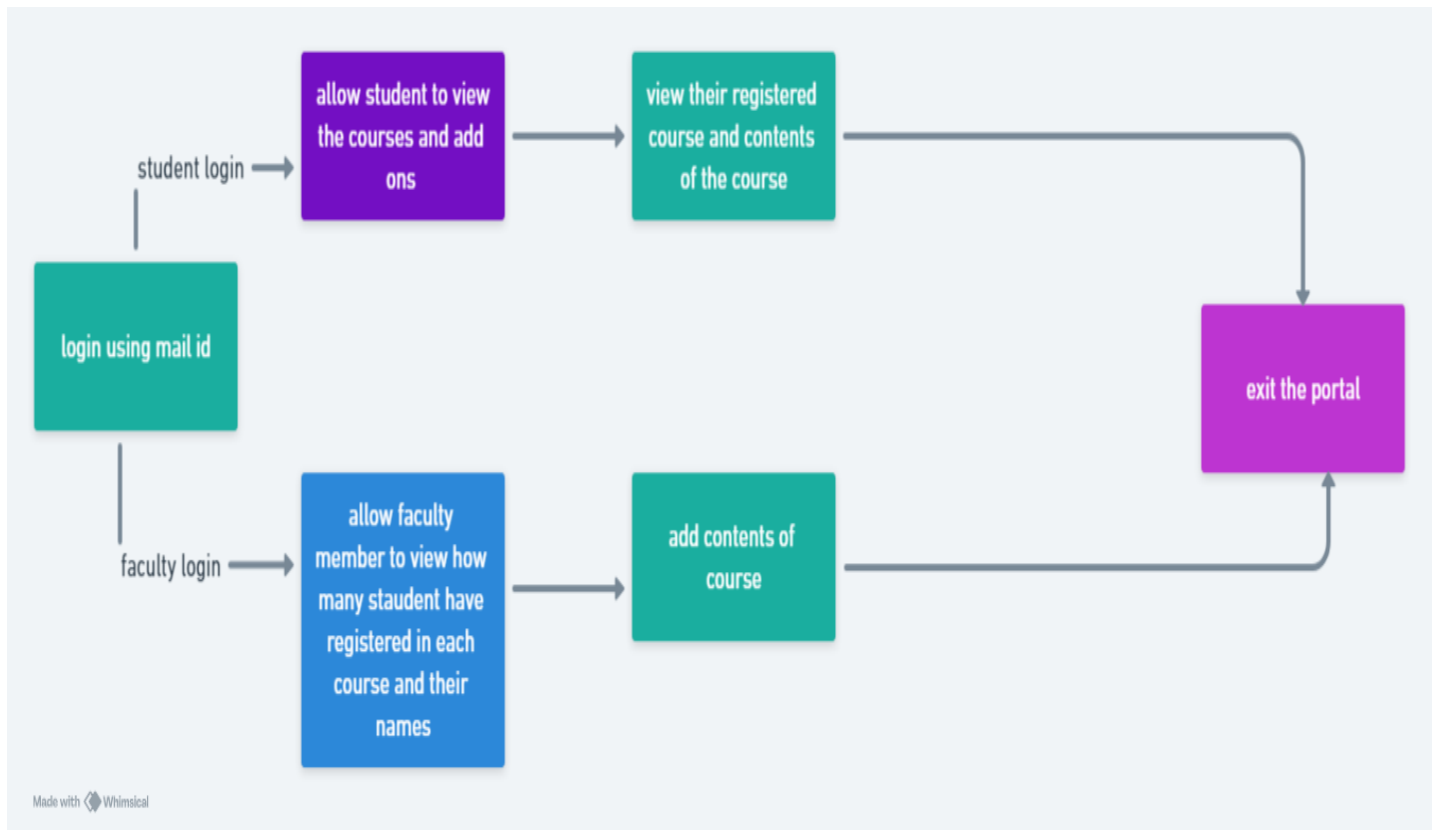
User authentication: students and faculty can login using their mail id and password.

Security: Use the authentication process to maintain the security of data the user provides.

Adding course: Students can select their willing courses available in options.

Scalability: Design the system so that it can handle a large number of users and their data.

FUNCTIONAL DIAGRAM:



Workflow diagram

