

Software Requirement Specification for Open Innovation Category

Name	Mugundhan K
Roll no	7376222CT134
Seat no	275
Project ID	35
Problem Statement	Open Innovation Category

Stack:

Front End	React Js
Backend	Node Js, Express
Data Base	MongoDB

1. Introduction

1.1. Purpose:

- By encouraging students to think outside the box and propose solutions to real-world problems, this project empowers them to become active contributors to the campus community and beyond.
- It creates an environment where fresh perspectives and novel approaches are welcomed and nurtured, fostering a culture of innovation and critical thinking.

- This software system will serve as a portal for the Open Innovation Category, enabling students to submit their project ideas and receive approval.
- Administrators have the ability to approve or reject project ideas. Once a project idea is approved, students can develop the project irrespective of their domain(Software, Hardware) and they can obtain their required components.

1.2 Technology Stack:

- **Frontend:** Angular for a dynamic and responsive user interface.
- **Backend:** Node.js with Express for server-side logic; Python could also be considered for its robustness in handling data.
- **Database:** MongoDB depending on the requirement for scalability and data structure flexibility.
- **API:** Open API

2. System Overview:

2.1. Users:

1. Students:

They have the ability to submit applications for idea approval, upload relevant project documents, monitor the status of their application, and review their idea interaction history.

2. Admins:

Review submitted project idea applications, approve or reject applications (with remarks) using the novelty of the given project

idea.

2.2. Features:

1. Login and registration:

Students can register for an account using bitsathy mail id or login with their existing account.

2. Idea Application Submission:

Students can input relevant details regarding their project idea including project title, description, objectives, and any necessary attachments. Upon completion, the application is submitted to the admin interface for review and further processing.

3. Application Status:

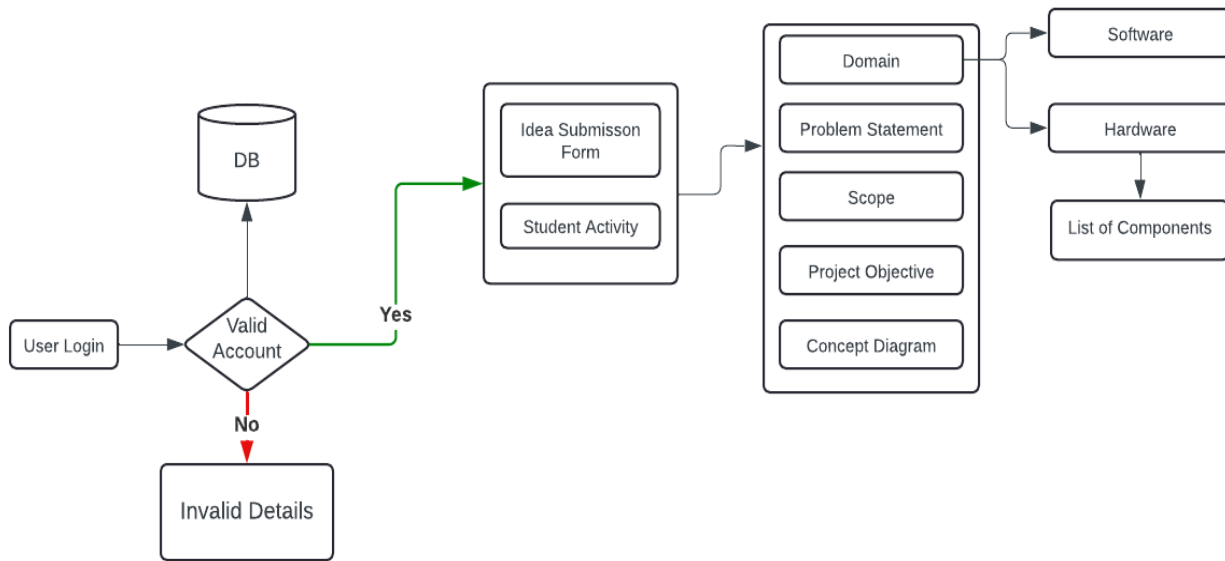
Students can view the current status of their application and also see the history logs .

4.Admin Access:

Admin can view all submitted idea applications in a category of either software or hardware, view application details, approve or reject the application with suitable remarks.

Workflow:

User's Interface



Admin's Interface

