WORK FLOW
OPEN INNOVATION CATEGORY

NAME	RITHANYA T
REGISTER NO	7376221CD136
PROBLEM STATEMENT	OPEN INNOVATION CATEGORY
SEAT NO	35
PROJECT ID	35

MEAN STACK:

Front End : Angular js

Back End : Express.js
Node.js

Database : MongoDB

API   : RESTFul API / GraphQL APIs

PROBLEM STATEMENT:

The challenge accepts limitless space and creativity. Students having amazing ideas and a desire to implement the idea in our campus are encouraged to register for the open innovation category.

PROJECT FLOW:

- Login credentials for student and faculty

STUDENT VIEW:

BEFORE APPROVAL:

- Provide Team details include team leader and team member's Name, Mail Id and Reg no.
- Area of problem statement
- Scope of Area
- Title of the Idea
- Objective of the Idea
- Description of the project
- Diagram of the concept in any format
- List of the required components which include the attributes like S.No,Particulars,Quantity,Purpose of component,Price
- Time Plan
- Uniqueness
- Novelty of the the project
- Resubmission option

AFTER APPROVAL:
- Demo video of the project.
- Source code
- Working of the project.

FACULTY VIEW:

- Evaluation of the project includes providing marks for each category.
- If the mark is above average proceed for approval , if not reject it.
- Send the results through mail also.
- Provide comments for each Idea.

PURPOSE:

The challenge accepts limitless space and creativity. Students having amazing ideas and a desire to implement the idea in our campus are encouraged to register for the open innovation category.

SCOPE:

Many valuable ideas can be evaluated and the ideas can be recognised which leads to great innovation.This could also make the students to think over many ideas.Further the development pf the ideas makes the students to do projects which can develop more application knowledge.

FLOW CHART FOR OPEN INNOVATION CATEGORY:
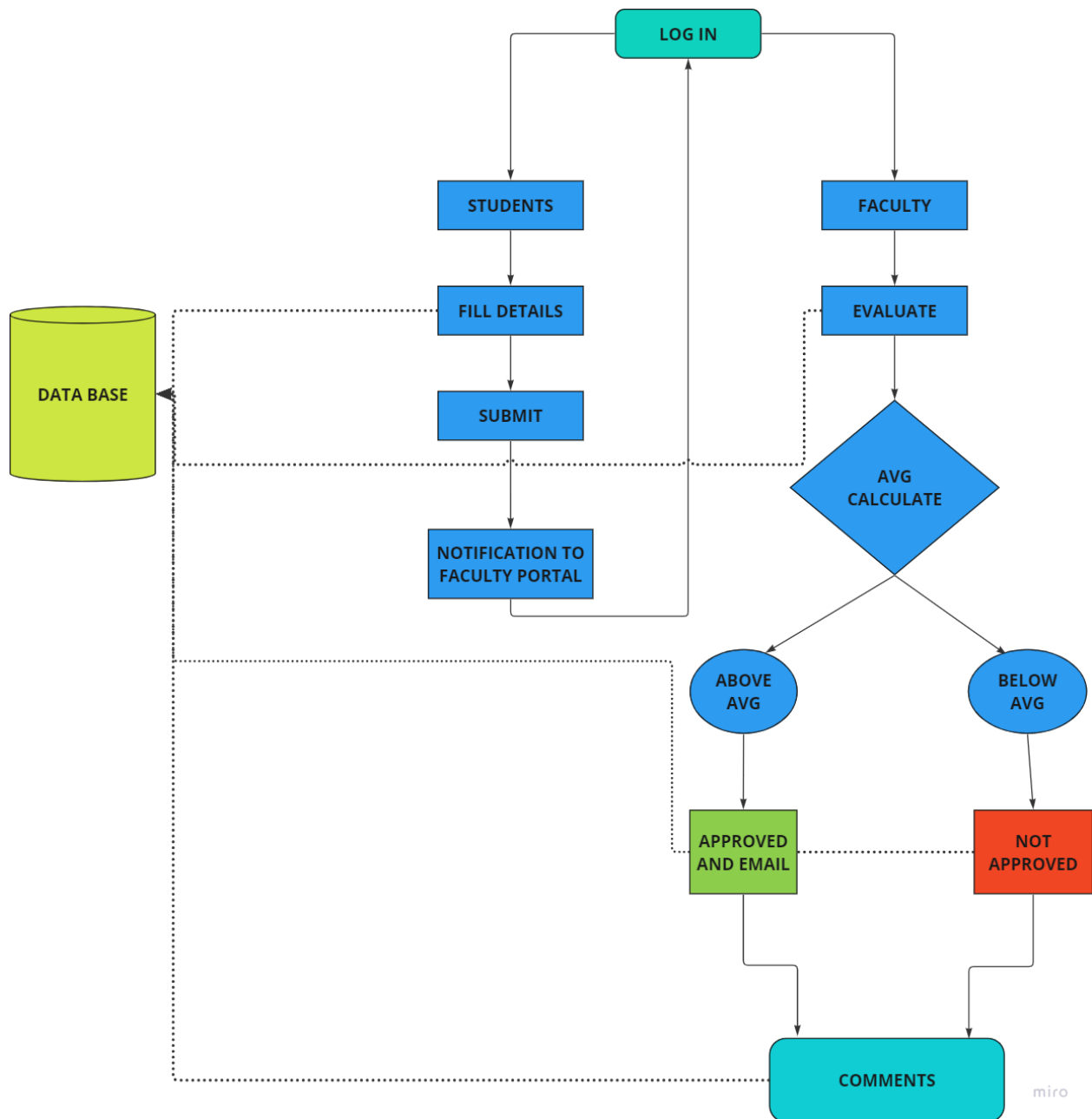
User personas:

● Student: Needs an up-to-date schedule to effectively plan activities.

● Faculty: Requires the ability to send out schedule updates and notices efficiently.

User Management:

User registration and authentication (including Google Sign-In).

User profile management (editing profile details, changing password, etc.).

Differentiate between students, faculty, and administrators.

Idea Management:

Ability for users to submit ideas individually or as groups.

Categorization or tagging of ideas for easier browsing.

Attach files or images to ideas.

Editing and deleting ideas.

Viewing ideas sorted by popularity, recent activity, etc.

Faculty Review:

Faculty members can view and evaluate submitted ideas.

Ability to provide feedback or comments on ideas.

Marking ideas as approved, rejected, or requiring revision.

Tracking the status of ideas throughout the review process.

Comments and Discussions:

Users (both students and faculty) can leave comments on ideas.

Ability to reply to comments and engage in discussions.

Moderation features to manage inappropriate comments.

Notifications:

Automated email notifications for users when their ideas are reviewed or commented on.

Notifications within the portal interface (e.g., alerts, badges) for new activity on ideas.

Search and Filtering:

Search functionality to find specific ideas or users.

Filtering options to narrow down ideas based on criteria like category, status, etc.

Accessibility and Security:

Ensure the portal is accessible to users with disabilities.

Implement security measures to protect user data and prevent unauthorized access.

Analytics and Reporting:

Track and analyze metrics such as the number of ideas submitted, average review time, etc.

Generate reports on idea activity, user engagement, etc.

Integration and Scalability:

Integrate with other systems or tools used by the college (e.g., learning management systems).

Design the portal to handle a growing number of users and ideas over time.

User Experience and Interface Design:

Intuitive and user-friendly interface design to encourage engagement.

Responsive design to ensure compatibility across devices (desktop, tablet, mobile).

Regulatory Compliance:

Ensure compliance with relevant laws and regulations, such as data protection laws (e.g., GDPR, CCPA).

Feedback and Iteration:

Mechanisms for users to provide feedback on the portal's features and usability.

Iterative development process to continuously improve and enhance the portal based on user feedback.

UI DESIGN:

LOGIN PAGE:
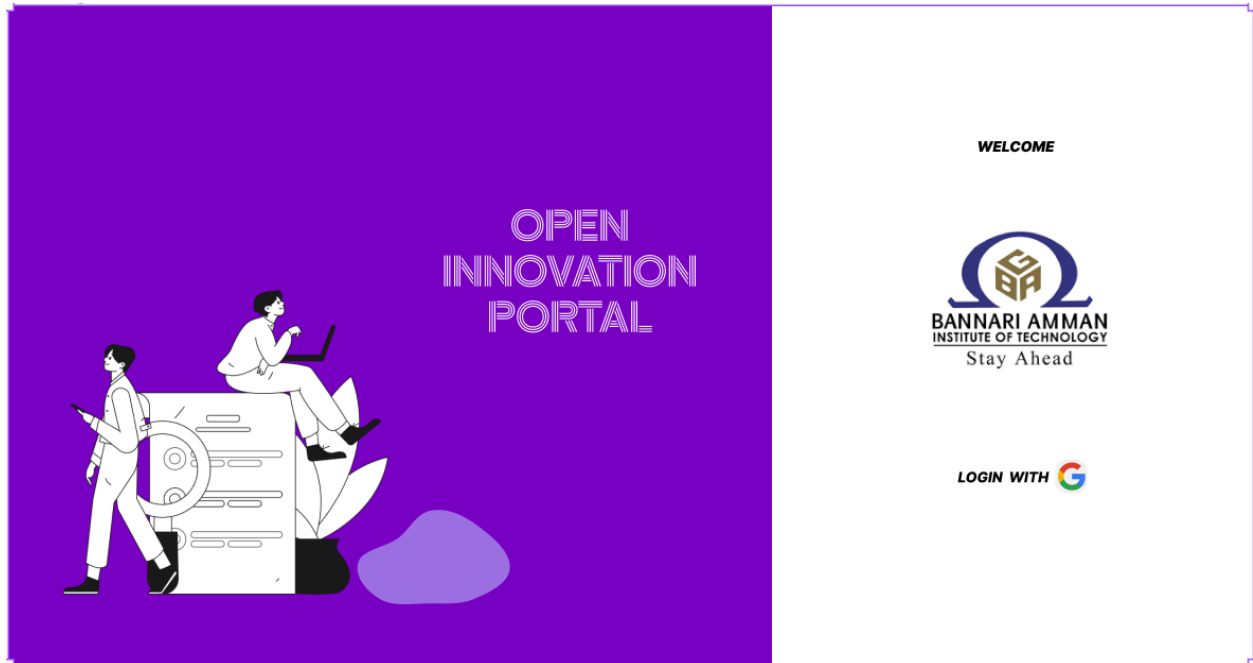
STUDENT VIEW:

Welcome RITHANYA T,

Create

View

Final Submission

Technical Forum

TEAM DETAILS:

NAME

IDEA SUBMISSION

IDEAS

TEAM DETAILS :

TEAM NAME:*

TEAM MEMBER 1:* ^

REG NO*:

E-MAIL ID*:

TEAM MEMBER 2: v

TEAM MEMBER 3: v

TEAM MEMBER 4: v

TEAM MEMBER 5: v

NEXT

DETAILS FILLING:

NAME

▶ IDEA SUBMISSION

▶ IDEAS

DOMAIN: ▾

TITLE:

ABSTRACT: [ADD FILE]

IDEA: [ADD FILE]

DIAGRAM: [ADD FILE]

FROM DATE: ▾

TO DATE: ▾

SPECIAL LAB: ▾

UNIQUENESS:

SCOPE:

NOVALITY:

COMPONENTS: ▲

S.NO	PARTICULARS	PURPOSE	QUANTITY	PRIZE

[SUBMIT]

VIEWING:

NAME

▶ IDEA SUBMISSION

▶ IDEAS

IDEAS

🔍 SEARCH

USER ID			DOMAIN	TITLE	ABSTRACT	IDEA	DIAGRAM	UNIQUENESS	COMMENTS	RESULT
1234	RITHANYA T	7376221CD136	SOFTWARE	OPEN INNOVATION	abstract.pdf	idea.pdf	diagram.pdf	This project is a uniqueness portal where the unique ideas can be reviewed	This is good idea which can be utilized by students.	APPROVED

FACULTY VIEW :

TEAM DETAILS:

NAME

TEAM DETAILS :

▶ IDEA SUBMISSION

▶ IDEAS

TEAM NAME:*	DATA FREAKS	TEAM MEMBER 3: ⌄	
TEAM MEMBER 1:* ∧	RITHANYA T		
REG NO*:	7376221CD136	TEAM MEMBER 4: ⌄	
E-MAIL ID*:	rithanya.cd22@bitsathy.ac.in		
TEAM MEMBER 2: ⌄		TEAM MEMBER 5: ⌄	

NEXT

EVALUATION:

NAME

▶ IDEA SUBMISSION

▶ IDEAS

DOMAIN:

SCOPE: ⌄

TITLE: ∧

| 1 |
| 2 |
| 3 |
| 4 |
| 5 |
| 6 |
| 7 |
| 8 |
| 9 |
| 10 |

ABSTRACT: VIEW ⌄

IDEA: VIEW ⌄

NOVALITY: ⌄

DIAGRAM: VIEW ⌄

UNIQUENESS: ⌄

COMPONENTS: ⌄ ⌄

COMMENTS:

AVERAGE: 10

APPROVE AND PROCEED   REJECT