

Malnad College of Engineering

Department of Information Science and Engineering

Topic : Student Project Management System

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Student Project Management System

Index

01	02	03	04	05	06	07	08	09	10	11
Introduction	Problem Statement	Aim	Existing System	Proposed System	Requirements	ER Diagram	Data Flow Chart	Screenshots	Future Enhancements	Conclusion

Introduction

- Our Student Project Management Website is a dynamic platform designed to elevate your project execution experience. In today's fast-paced technology, it is necessary that we find the required information for the project at an easy access.
- Rest easy knowing that your project data is secure with advanced encryption and access controls. Our platform prioritizes data protection, ensuring confidentiality and integrity



Problem Statement

Develop an application that maintains and effectively tracks the activity of the Batch, Student Project, Group, Mentor of the project to store or collect all the databases of Mini-projects and Major Projects of the students.



AIM

01.

Centralized Management: Bring all aspects of academic project management onto a single platform.

02.

Transparency: Enhance transparency by allowing stakeholders and project mentors to access project details

03.

Documentation: Serve as a centralized repository for project documentation

04.

Re-usability : Available project report can be used as reference for other similar projects

Existing System

- Right now Project details can be found in Library.
- Most of the project is are in Hard copy.
- It is difficult to find the available. project details by specific domain
- Difficult to search based on title , domain.



Proposed System

- User Authentication and Authorization
- Project Management
- Report management
- Easy Access
- Availability



Software Requirements

Operating System: Any modern operating system (Windows, macOS, Linux)

Web Browser: Latest versions of Google Chrome, Mozilla Firefox, Safari, or Microsoft Edge.

Applications: Visual Studio Code, Notepad, XAMPP Control Panel App

Hardware Requirements

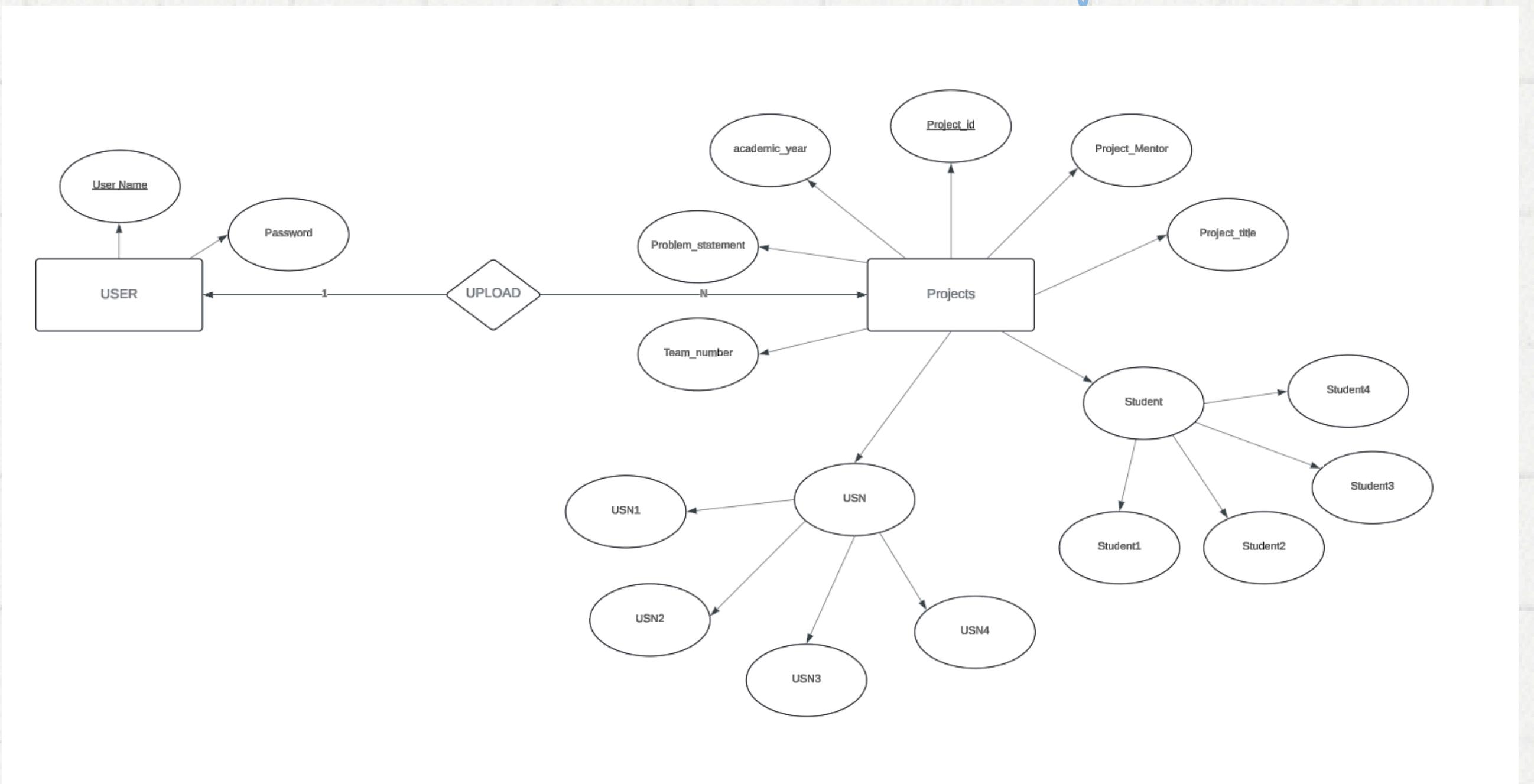
Processor: 2 GHz or higher

RAM: 4 GB or more

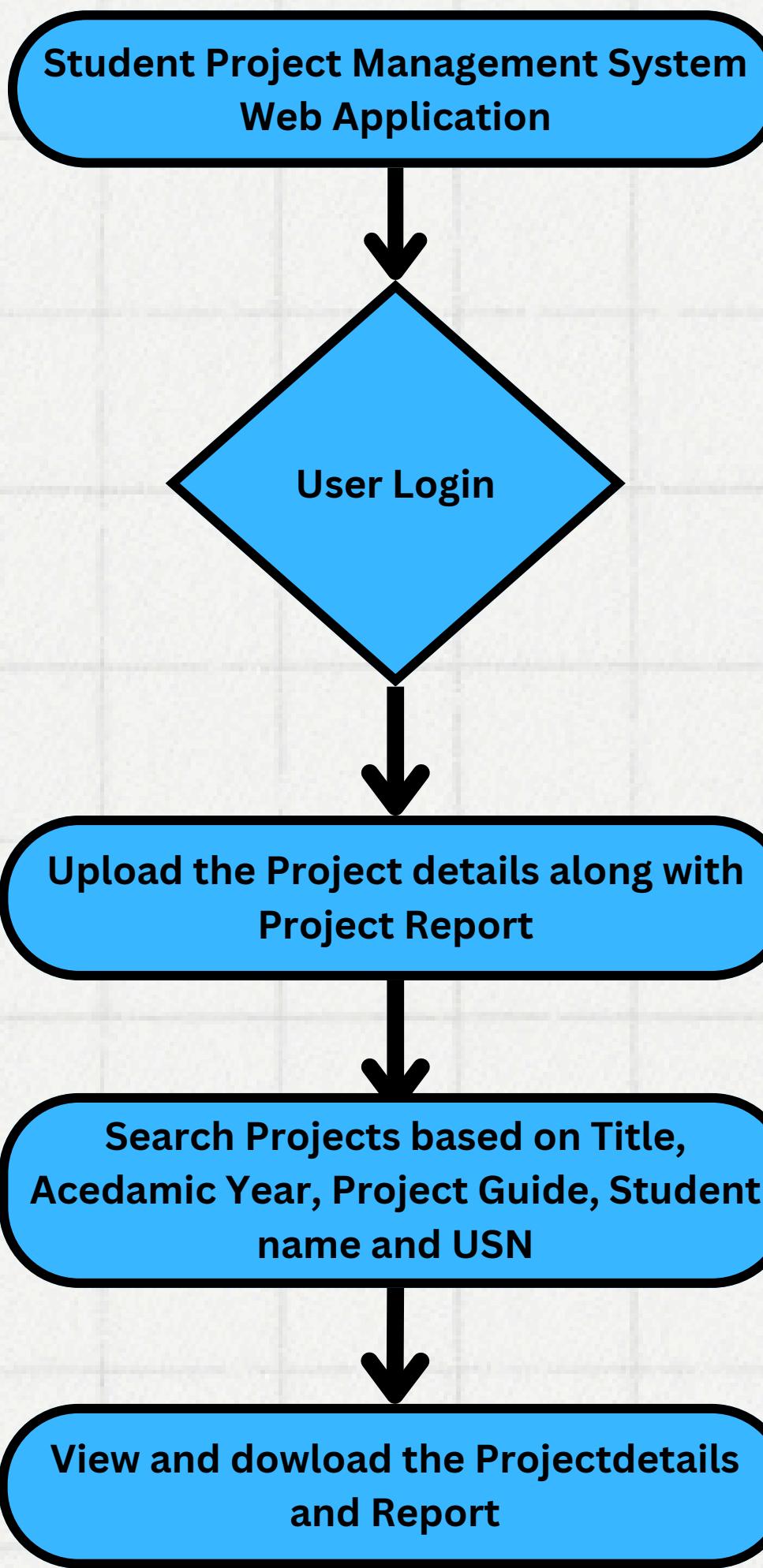
Storage: 10 GB of free disk space

Requirements

ER Diagram

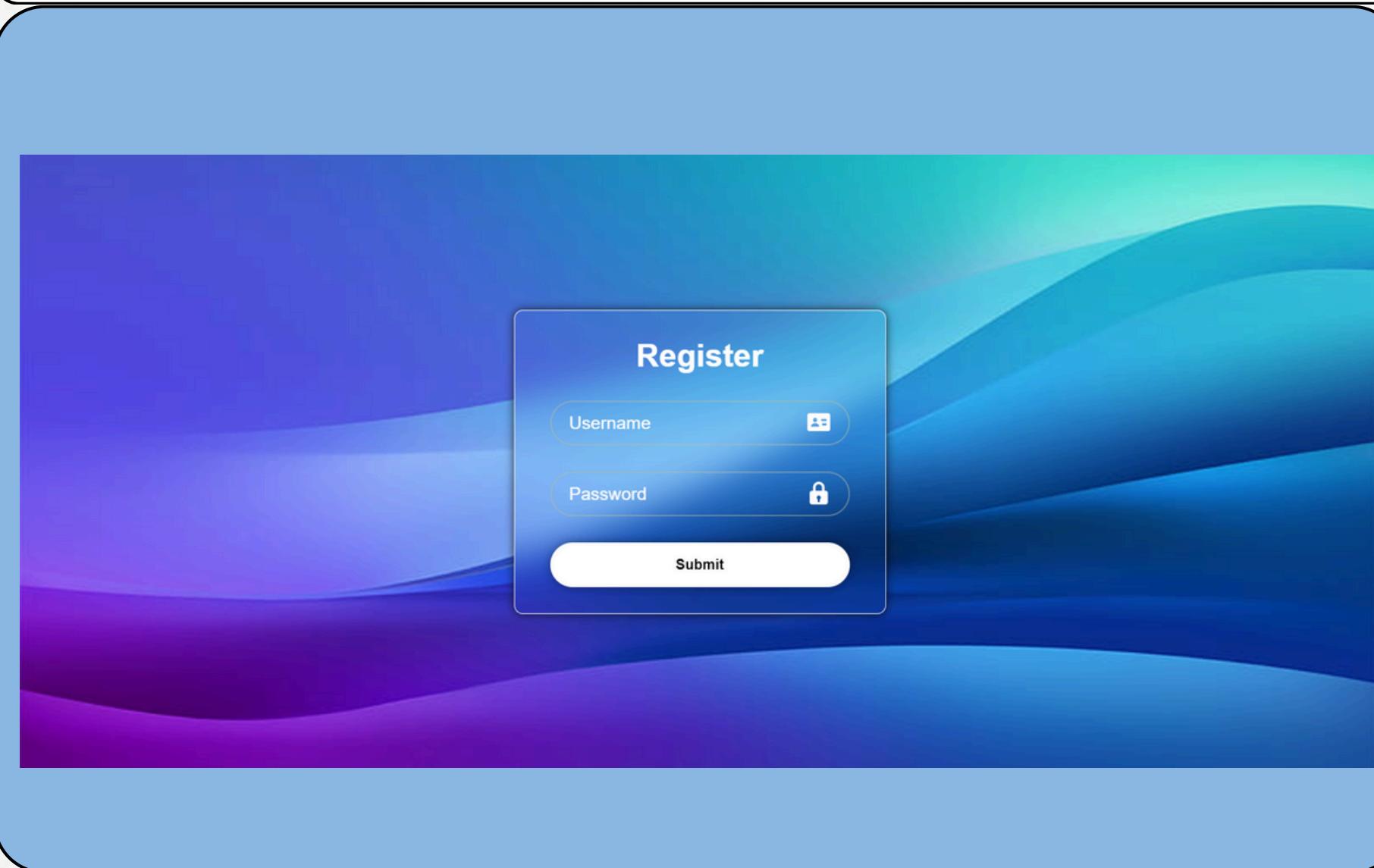


Data Flow Chart

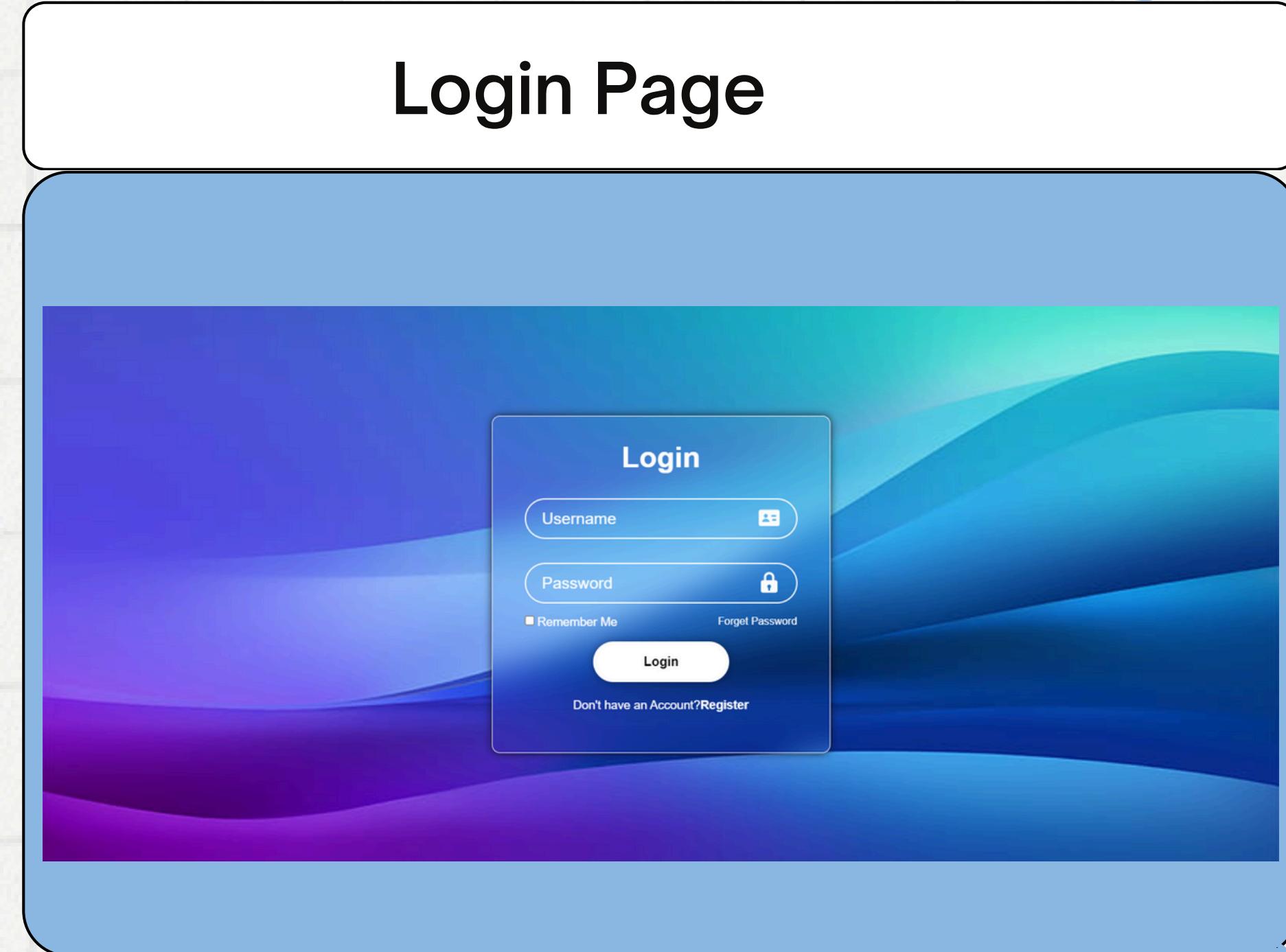


Screenshots

Registration Page

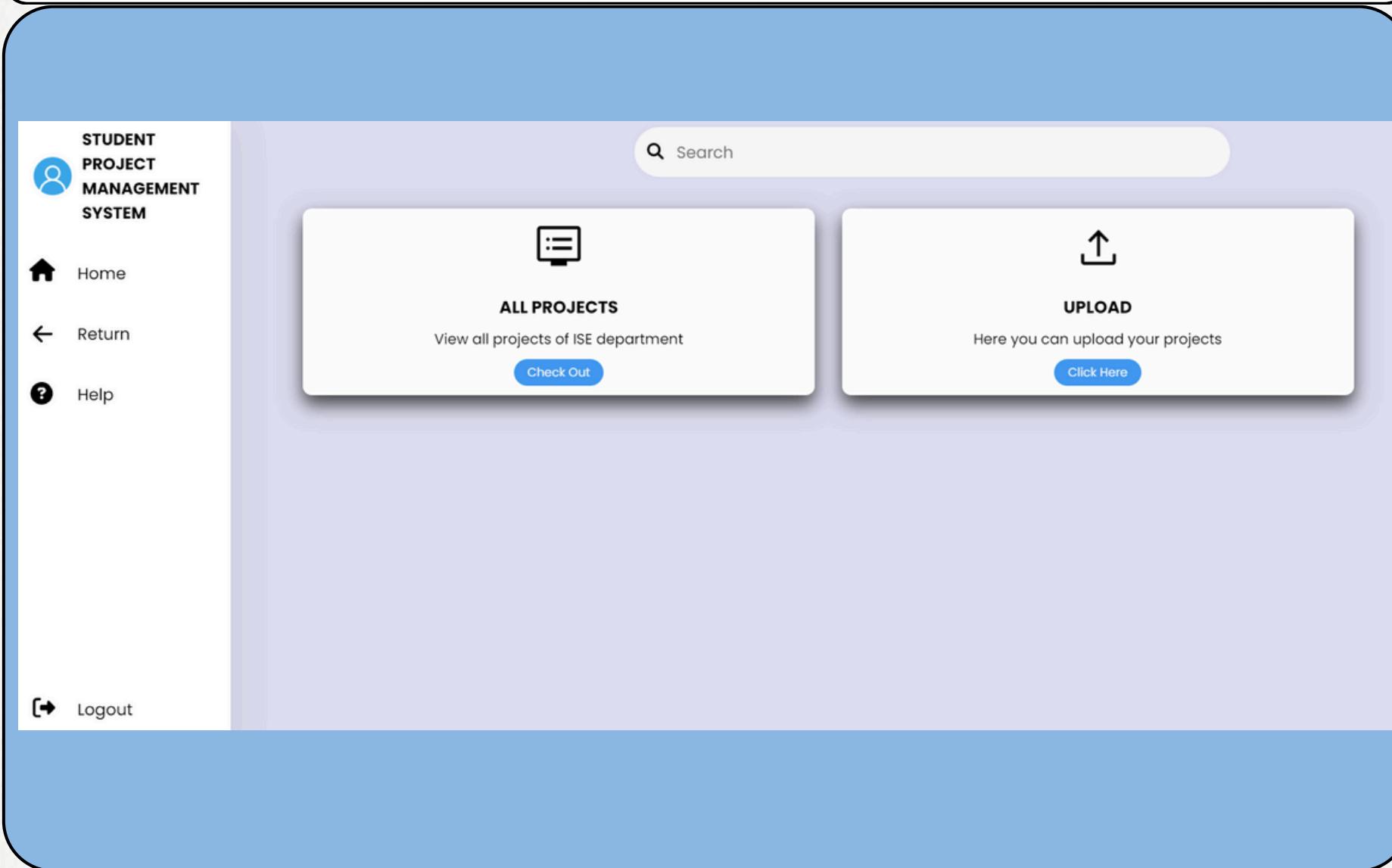


Login Page



Screenshots

Home Page



Upload Page

The screenshot shows the "Project Details" page for uploading a project. It includes fields for "Project Title" (with placeholder "Enter your Project title"), "Project Mentor" (placeholder "Enter your Project Mentor name"), "Enter Academic year" (placeholder "Enter the Academic Year(Ex:2022-23)"), "Problem Statement" (placeholder "Enter your Problem Statement"), "Team Number" (placeholder "Enter your Team number"), and a "Report" section with a file input field ("Choose File No file chosen"). The sidebar on the left is identical to the Home Page sidebar.

Screenshots

Project List Page

The screenshot shows the Project List Page of the Student Project Management System. On the left, there's a sidebar with icons for Home, Return, Help, and Logout. The main area has a search bar at the top. Below it is a table with columns: Team Number, Project ID, Project Title, Academic Year, Project Mentor, and Action. The table contains three rows of project data.

Team Number	Project ID	Project Title	Academic Year	Project Mentor	Action
1	USdis	SPMS	2024-25	Dr Nandita B R	Click Here
2	XJW7D	Robotic Arm	2024-25	Mrs Shruthi D V	Click Here
4	5mRbv	Student Project Management System	2024-25	Dr Vinutha M R	Click Here

Project Details Page

The screenshot shows the Project Details Page for the project with Team Number 4. The page includes sections for Project Title, Project Mentor, Academic Year, Problem Statement, Team Number, Report File, and Student Details. It also features a Logout button.

Project Details

Project Title: Student Project Management System

Project Mentor: Dr Vinutha M R

Academic Year: 2024-25

Problem Statement: Managing student projects is complex, involving proposal submissions, approvals, collaboration, and progress tracking. Students and faculty face challenges in coordination and timely feedback. A strea

Team Number: 4

Report File: [Download](#)

Student Details:

Bhuvan M 4MC2IIS023	Deepika R S 4MC2IIS028
Deekshith Chandra 4MC2IIS032	Chethan Nazre S 4MC2IIS028



Future Enhancement

1. Provide online chatting option and online support for the students
2. College or organization can allow other college students to upload their project details
3. It can become centralized application to hold all the projects
4. This web application can be utilized for student to submit the final year project through this portal

Conclusion

- In conclusion, project management website serves as an invaluable resource for fostering collaboration, innovation, and knowledge sharing among contributors.
- Its user-friendly interface, comprehensive categorization, and robust search functionality enable seamless access to a wide array of projects across diverse domains.
- Its role in facilitating the exchange of ideas, encouraging learning, and promoting collective problem-solving cannot be overstated.



Thank you !