

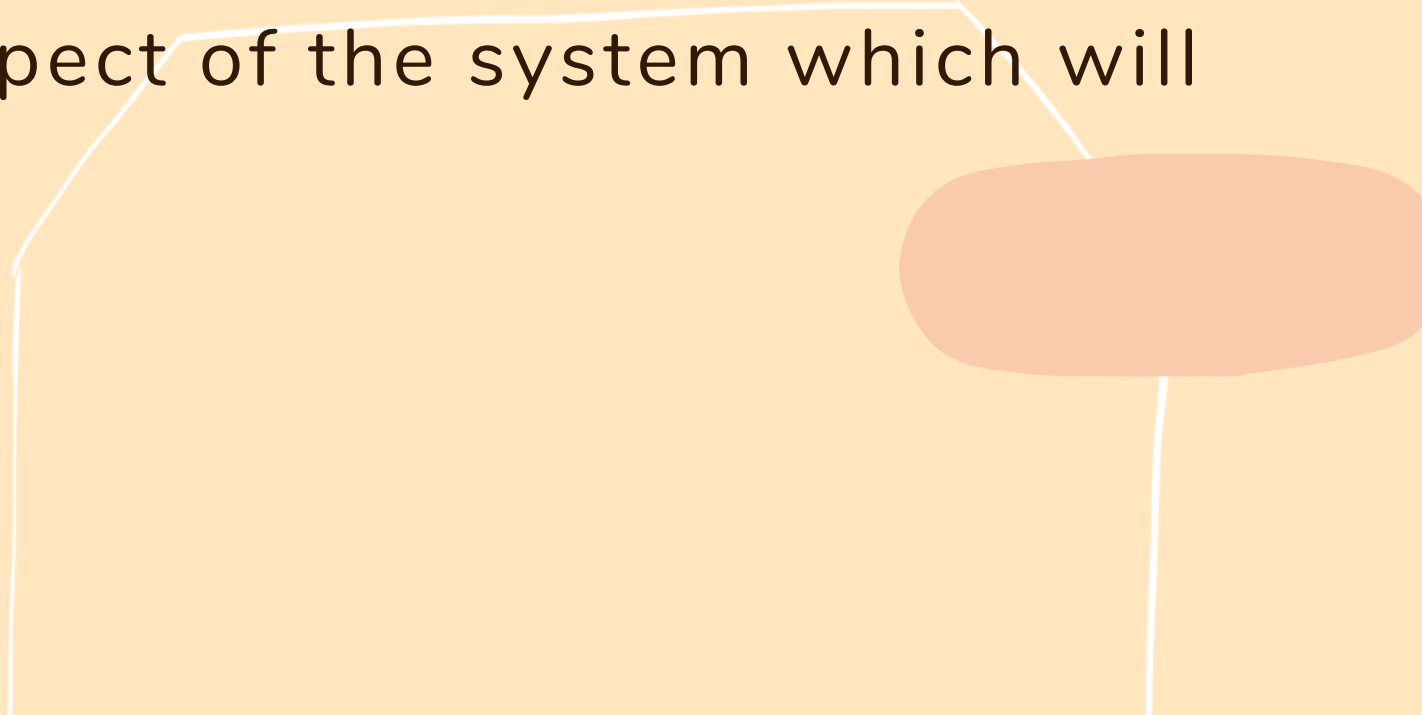


Project Tracking and Management

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Introduction

- The project management system is a system for managing, controlling, and monitoring students' final-year projects.
 - It is a mobile application that is useful for students, project coordinators, and project guides.
 - The project coordinator is the main aspect of the system which will assign different tasks to the students.
- 

Existing System

- The existing system of project management is manual.
- The project coordinator or guide gives tasks to students manually.
- Student completes the work which is given by the coordinator or guide and submits it manually.
- In this system all work is done manually so it can take more time to complete project-related work.
- The project coordinator or guide requires remembering in mind when the student completed the work so it is difficult for the Project coordinator or guide which student completed the task and when.
- The existing system does not help users get the right information at the right time and cannot manage project development easily to achieve the main goal.

Limitations of Existing System

1

Management is done Manually

3

Slow and Time Consuming

2

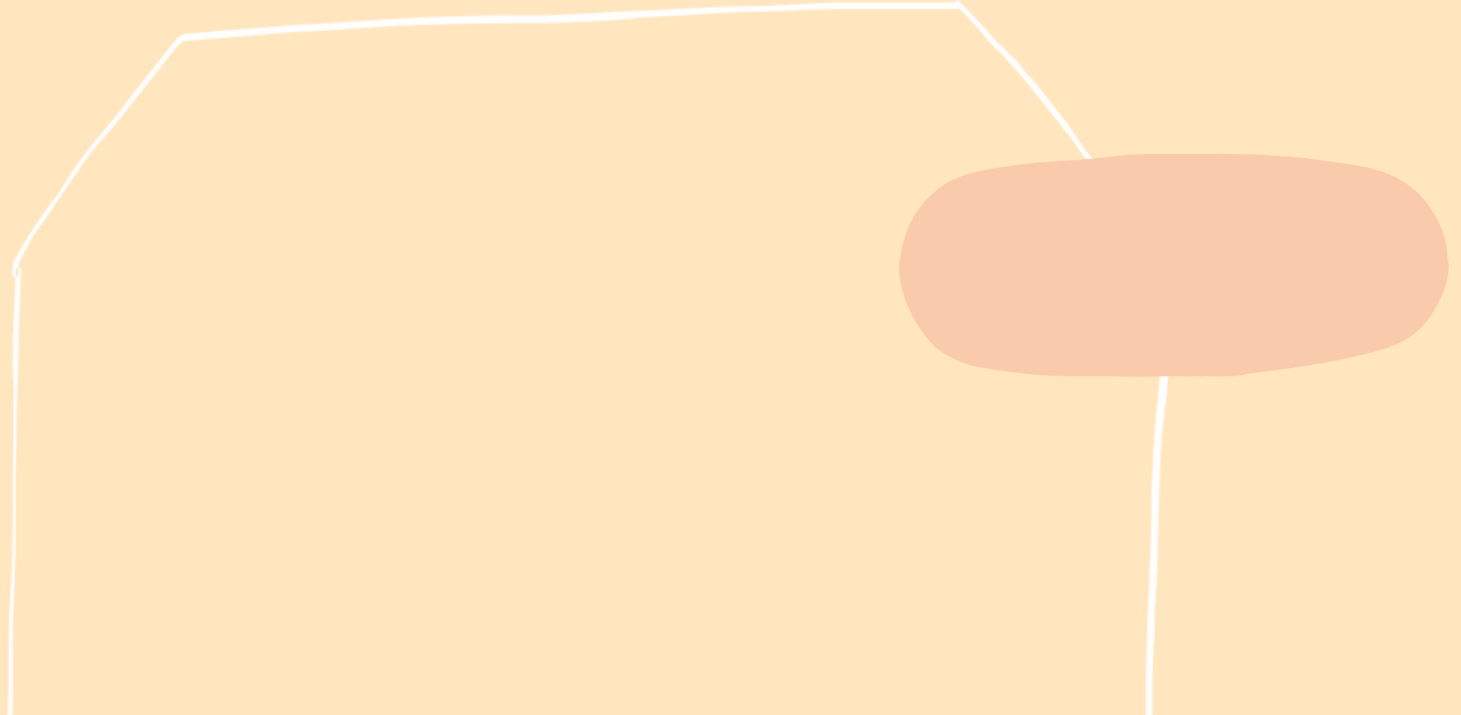
Files are stored offline

4

No Proper Documentation



OBJECTIVE

- To make a more efficient and effective Project Management System than the existing one.
 - To reduce the time consumed when done manually.
 - To have easy access to the project library.
- 

Proposed System

- In this proposed system we can implement a system that can manage project, connect all work completed by a student and Project coordinator or guide.
- The coordinator updates project, connects information, views work done by a student , and views the progress of work done by the student.
- Students can save the files based on their reviews. It will use for future students to reference the projects.

System Specifications

Hardware Requirements

- Processor: Core 2 Duo at 2.0GHz
- RAM : 1GB DDR2 RAM [Minimum]
- Monitor: Any Colour
- Keyboard: Standard Keyboard (120 keys)
- Hard disk: 500GB [Minimum]
- Storage: 20 MB
- Network speed: 1 MBPS

Software Requirements

- Coding Language : Java, Dart, MySQL, PHP
- Tool Kit : Android SDK
- IDE : Android Studio / Visual Studio
- Operating System : Windows / Linux

MODULES

1

ADMIN

2

Project Coordinator

3

Project Group

4

Students

ADMIN

- Admin can access the application by logging in.
- They have all access to the application.
- Admin can view the details of the project and manage the coordinators.

Project Coordinator

- Coordinators will add the groups and manage the groups.
- The co-ordinator will be conducting the reviews and based on the reviews by students they will provide feedback.
- Also notifies the students of the dates of project related works.

Project Group

- This module will provide the name of their projects.
- The files uploaded for the reviews and also view their review schedules.
- Groups can Upload their projects.
- They can view the feedback on their projects

Students

- The student module will register the application and log in the project to view the project and download the project.

Table Structure

Table 1:

Table name: Login table

Primary key: Login_id

FIELD	TYPE	LENGTH	DESCRIPTION
Login_id	Int	10	Primary key of Login table
Username	Varchar	50	Username of Login table
type	Int	10	Type of login
Password	Varchar	50	Password of Login table

Table 2:

Table name: Register table

Primary key:Reg_id

Foreign key:Login_id

FIELD	TYPE	LENGTH	DESCRIPTION
Reg_id	Int	10	Primary key of Register table
Login_id	Int	10	Foreign key of Register table
Username	Varchar	50	Username of Register table
Name	Varchar	50	Name of Register table
Password	Varchar	50	Password of Register table
Address	Varchar	50	Address of Register table
Email	Varchar	50	Email of Register table
Phone no	Int	10	Phone no of Register table

Table Structure

Table 3:

Table name: department table

Primary key:dep_id

FIELD	TYPE	LENGTH	DESCRIPTION
dep_id	Int	10	Primary key of department table
Dep_name	Varchar	50	Name of department table

Table 4:

Table name: group table

Primary key:group_id

Foreign key:dep_id

FIELD	TYPE	LENGTH	DESCRIPTION
group_name	varchar	50	Name of project
group_id	Int	10	Primary key of group table
Group_details	varchar	50	Details of groups
dep_id	Int	10	Primary key of department table

Table Structure

Table 5:

Table name: Project table

Primary key:group_id

Foreign key:dep_id

FIELD	TYPE	LENGTH	DESCRIPTION
Project_name	varchar	50	name of project
Project_file	file	bites	File of project
group_name	varchar	50	Name of group
topic	varchar	50	Details of project
about	varchar	50	about the project
date	Int	10	Date of project

Table 6:

Table name: schedule table

Primary key: schedule_id

FIELD	TYPE	LENGTH	DESCRIPTION
schedule_id	Int	10	name of project
note	varchar	50	Details of submission
group_id	Int	10	id of group
topic	varchar	50	Details of project
date	Int	10	Date of project

Table Structure

Table 7:

Table name : feedback table

Primary key: Login_id

FIELD	TYPE	LENGTH	DESCRIPTION
Feedback_id	Int	10	Primary key of feedback table
Student_id	int	10	id of user table
feedback	Varchar	50	feedback of feedback table

Table 8:

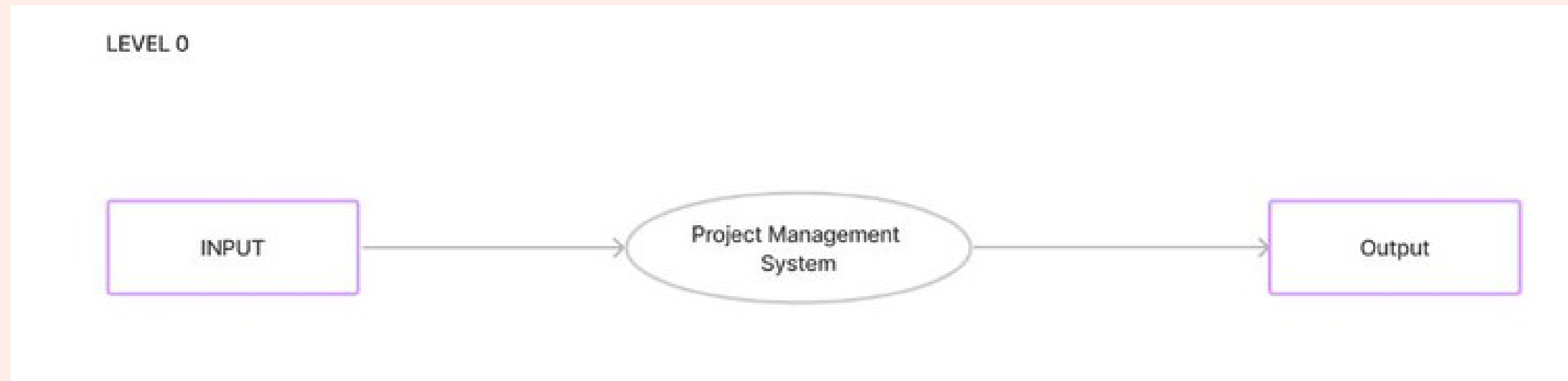
Table name : notification table

Primary key: Login_id

FIELD	TYPE	LENGTH	DESCRIPTION
notification_id	Int	10	Primary key of notification table
title	Varchar	50	Title of notification table
content	Varchar	50	content of notification table

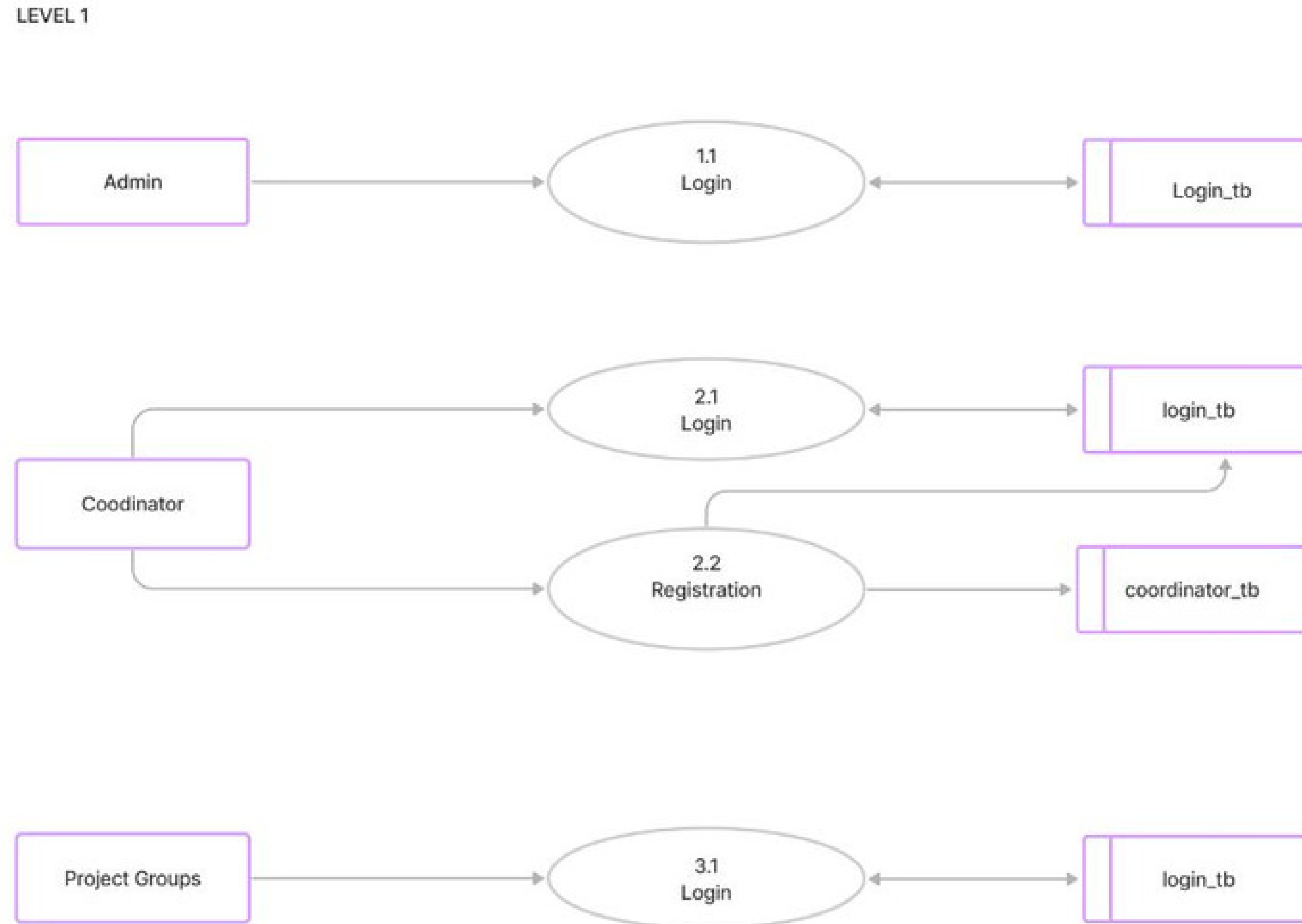
Data Flow Diagram

LEVEL 0



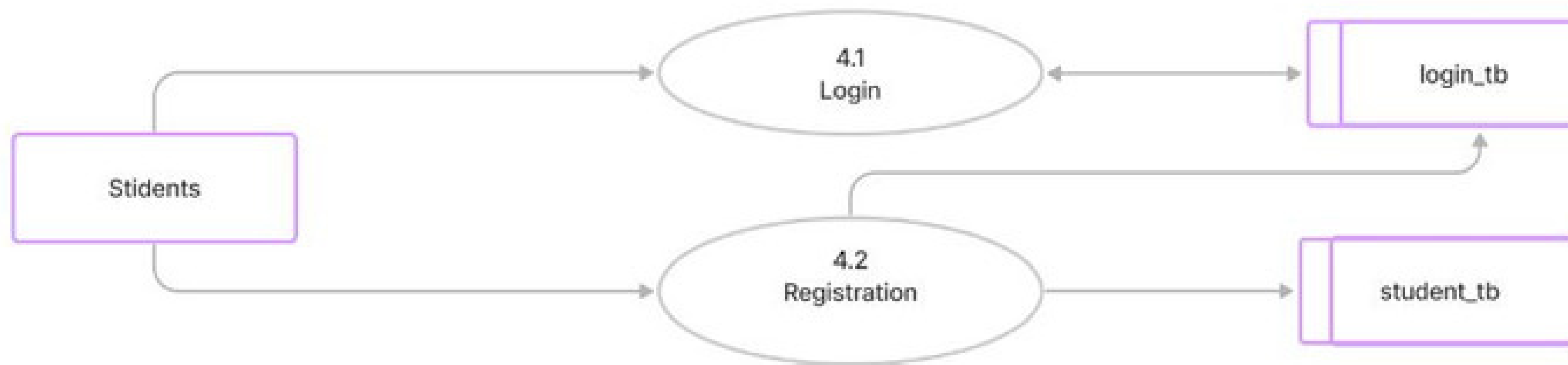
Data Flow Diagram

LEVEL 1



Data Flow Diagram

LEVEL 1



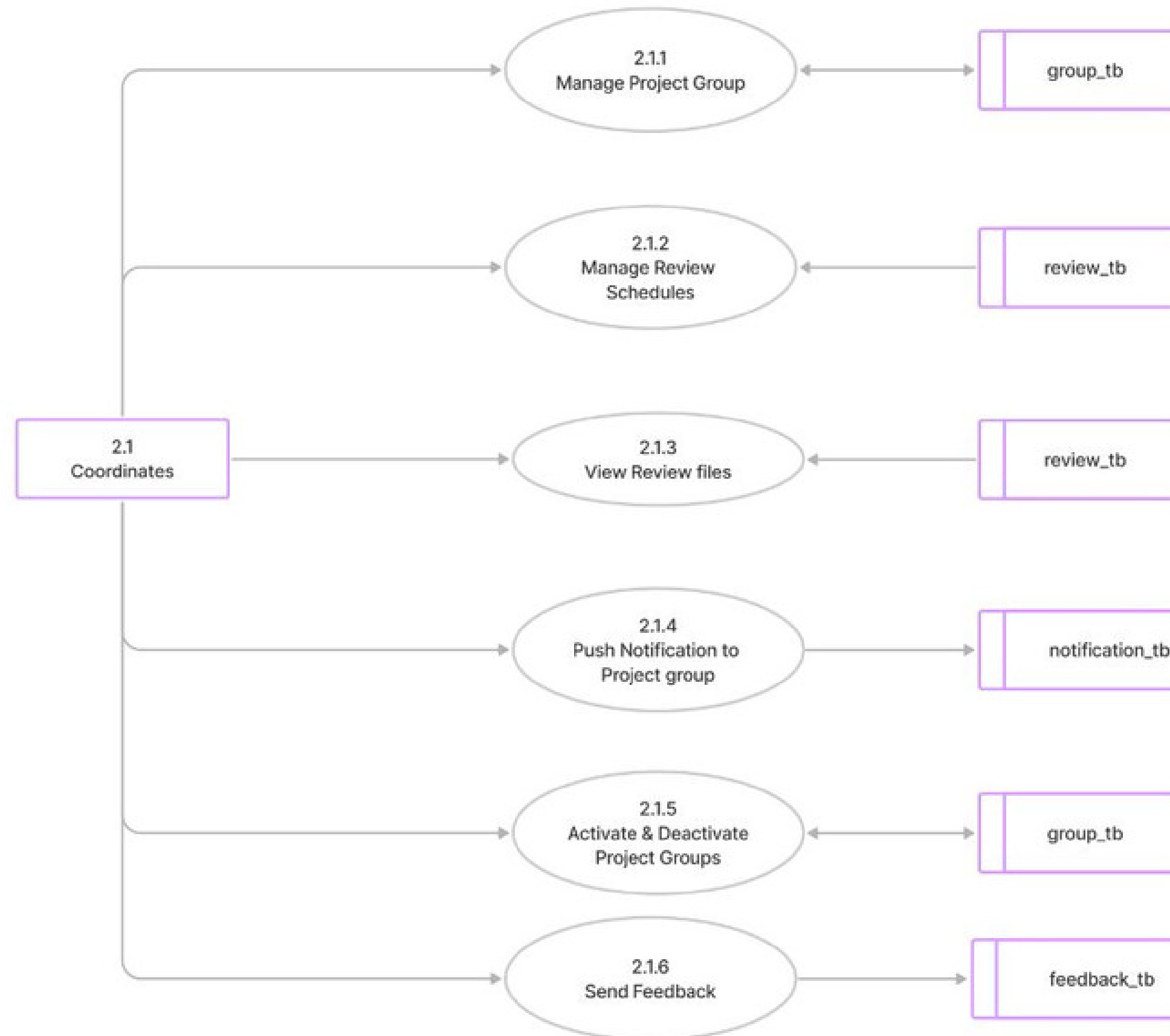
Data Flow Diagram

LEVEL 2



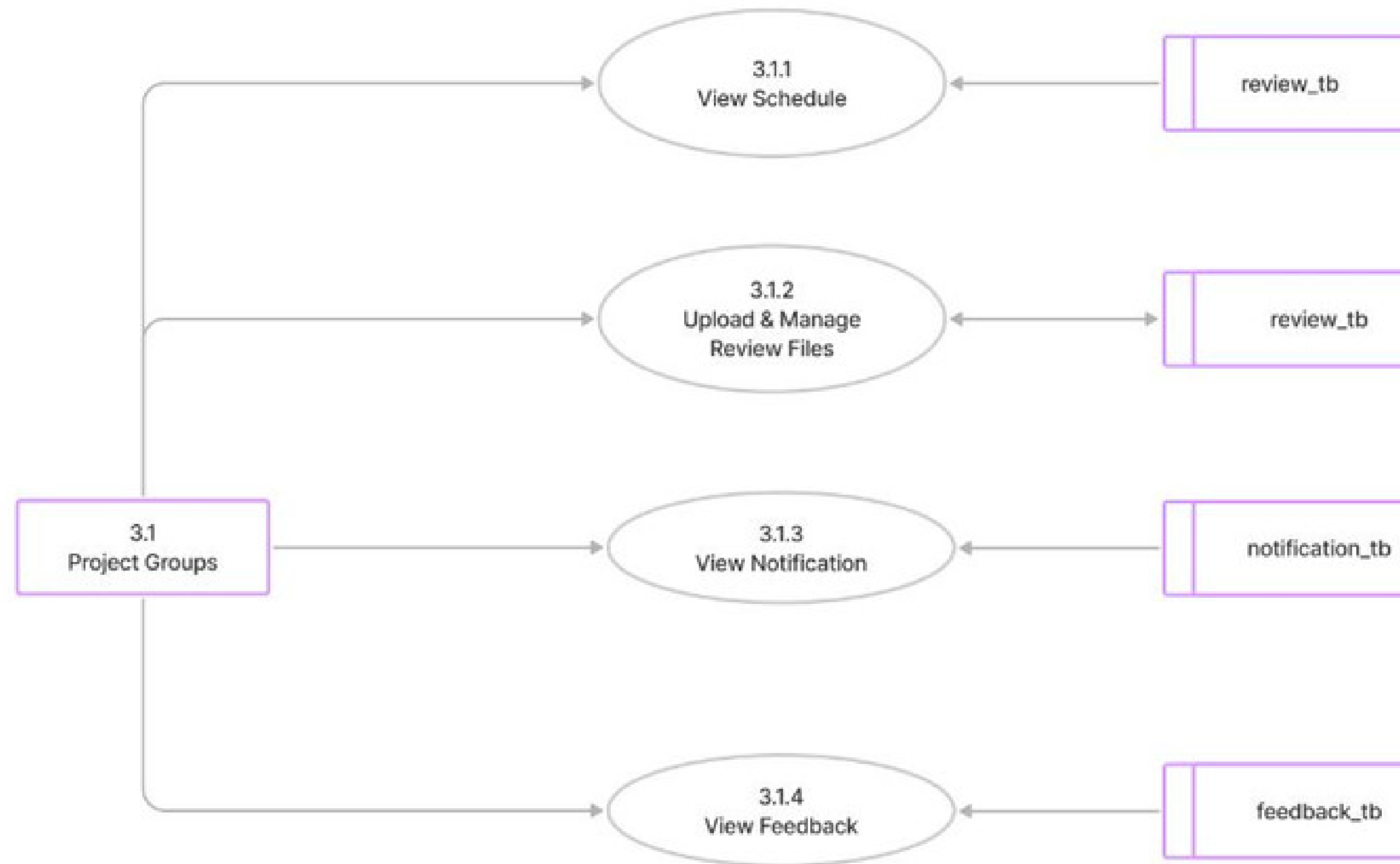
Data Flow Diagram

LEVEL 2



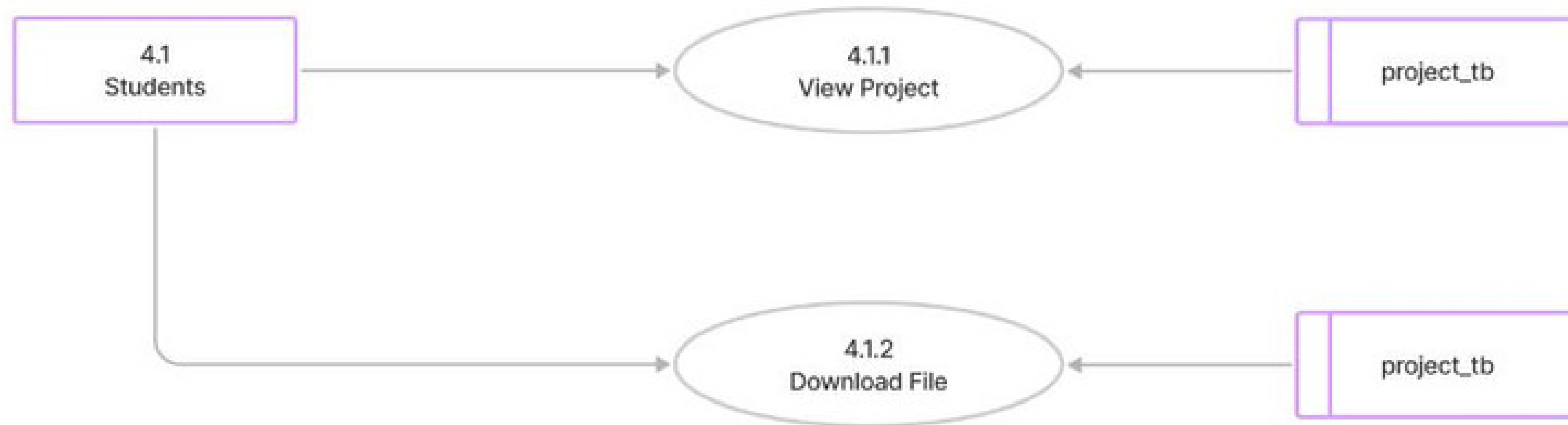
Data Flow Diagram

LEVEL 2



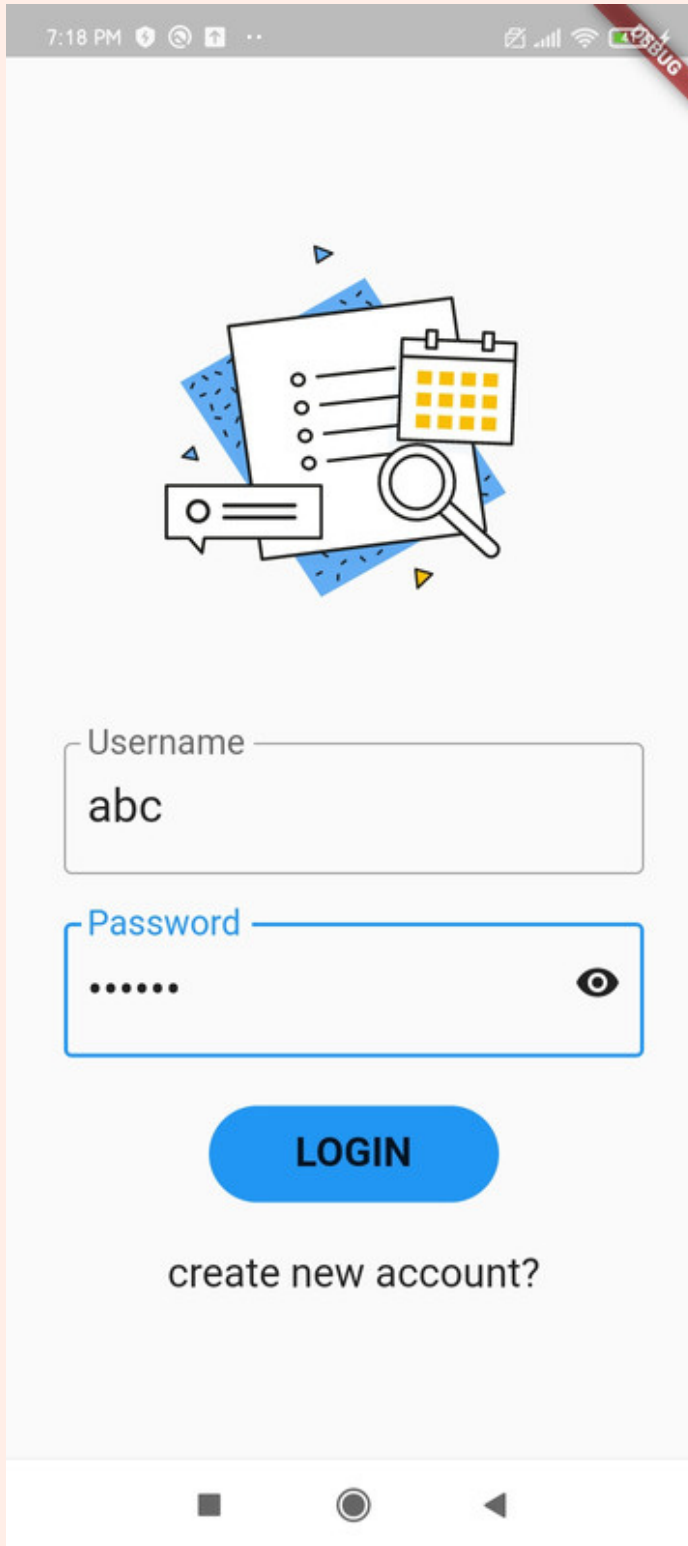
Data Flow Diagram

LEVEL 2



Screenshots

Student



7:18 PM

Illustration of a calendar, a magnifying glass, and a document.

Username

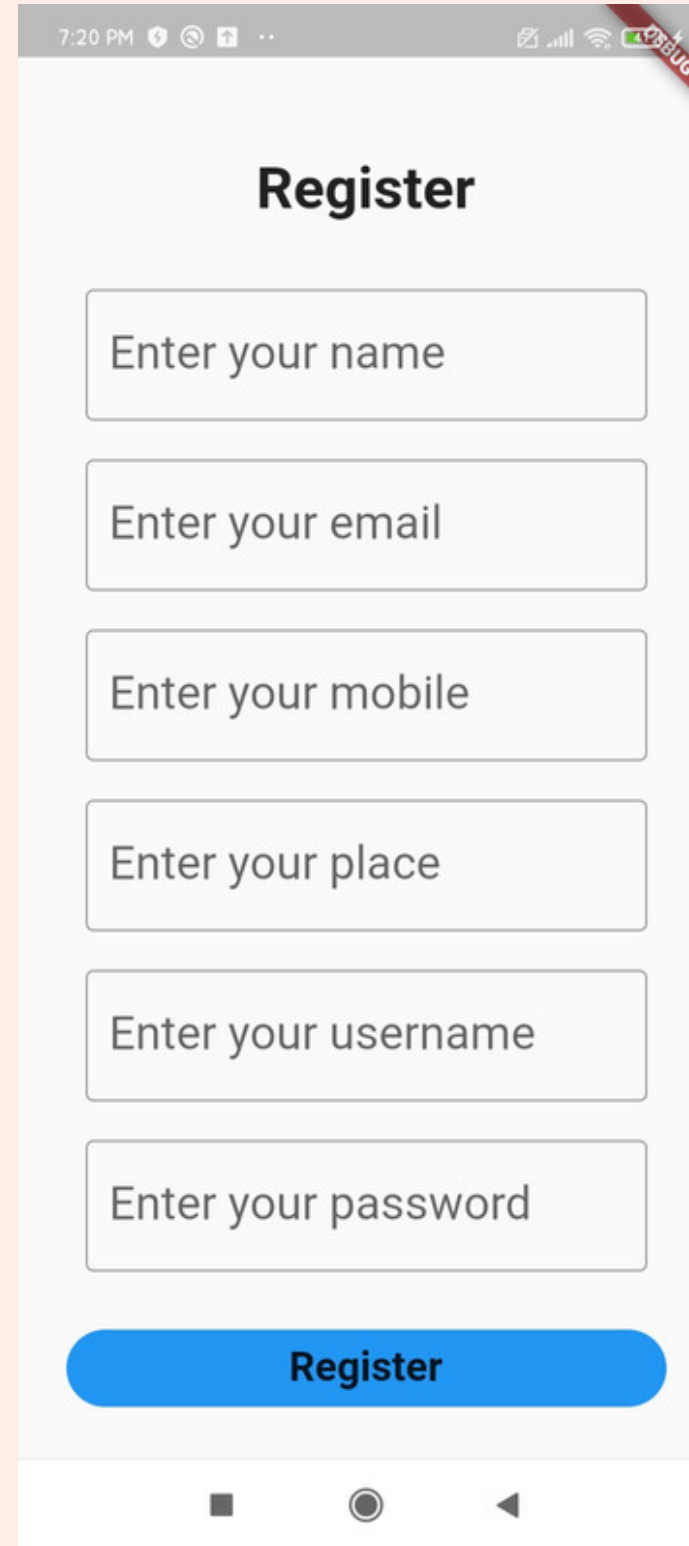
abc

Password

.....

LOGIN

create new account?



7:20 PM

Register

Enter your name

Enter your email

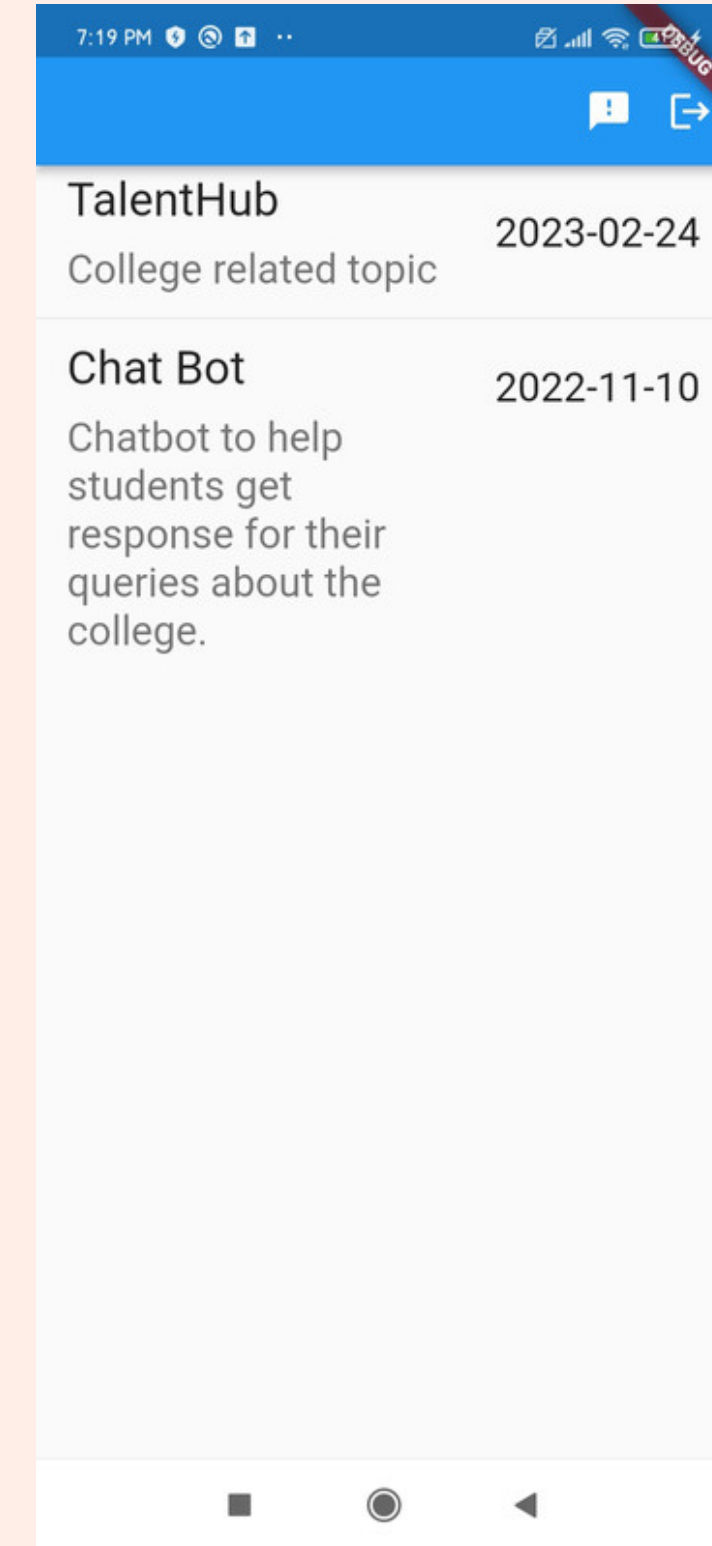
Enter your mobile

Enter your place

Enter your username

Enter your password

Register



7:19 PM

TalentHub 2023-02-24

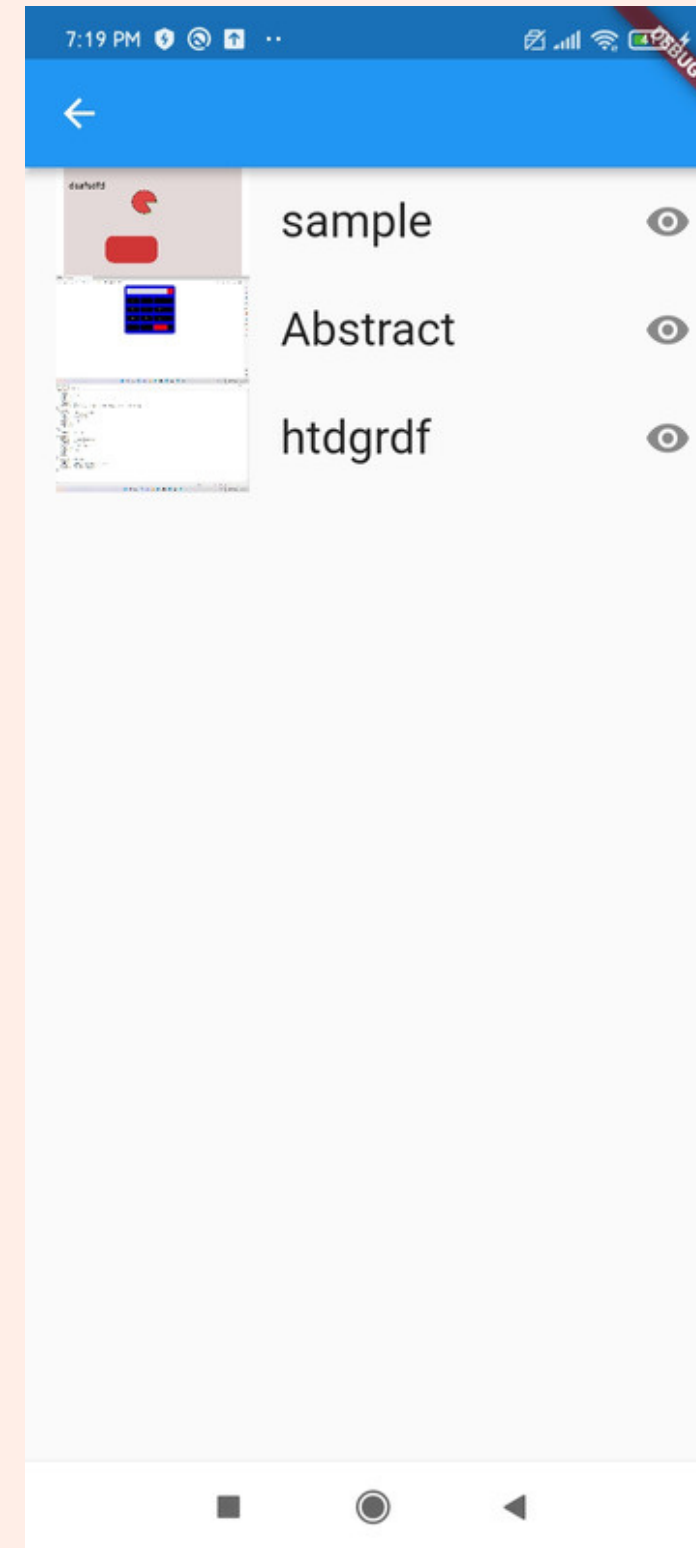
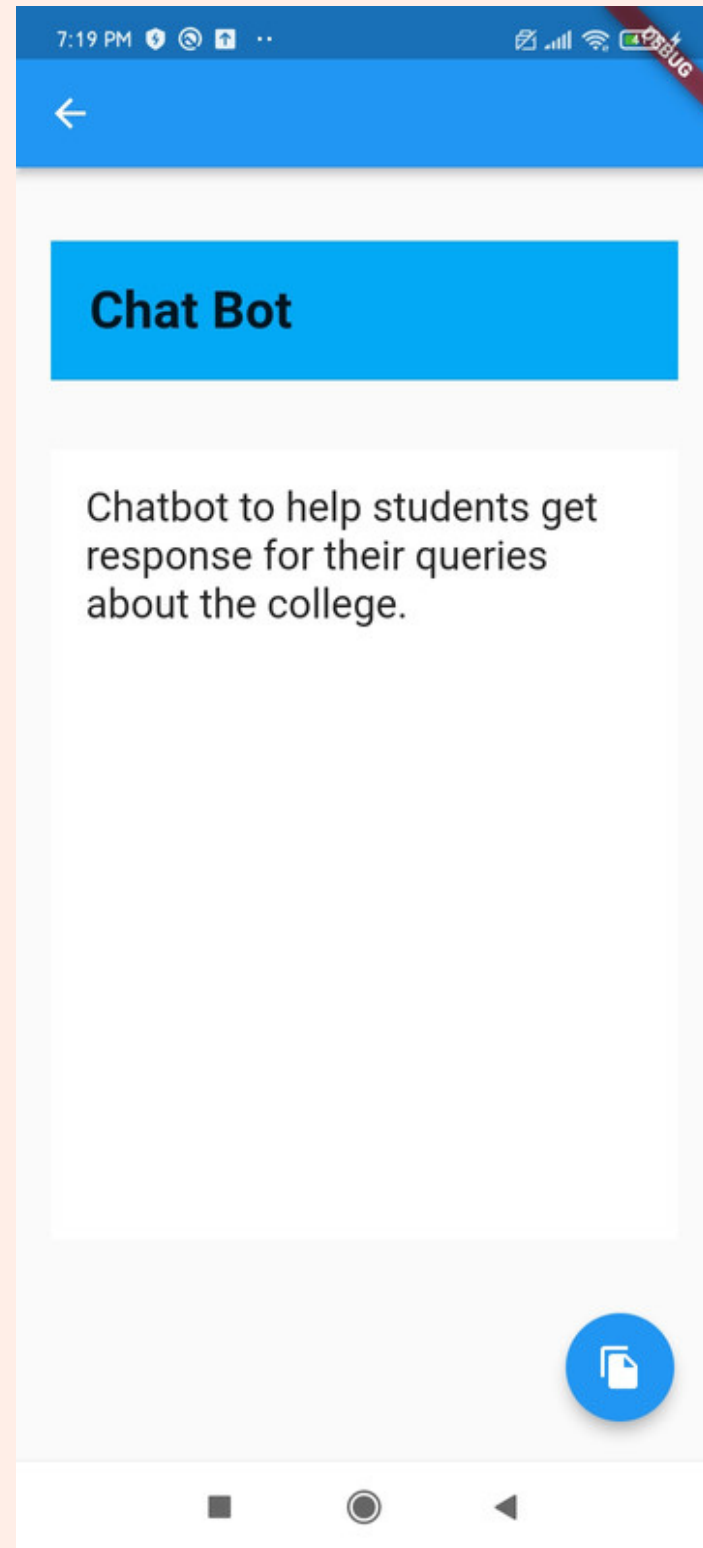
College related topic

Chat Bot 2022-11-10

Chatbot to help students get response for their queries about the college.

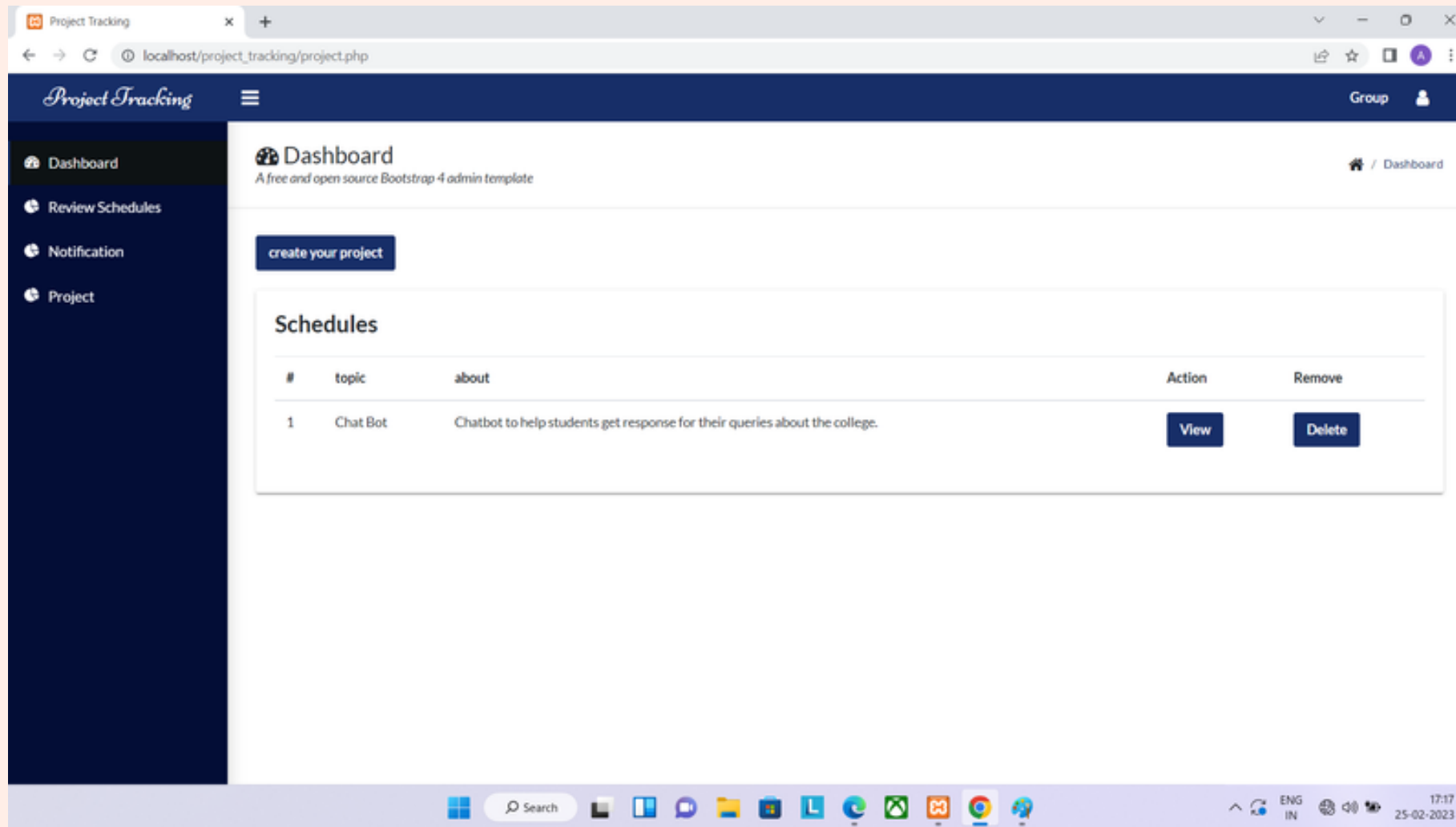
Student

Screenshots



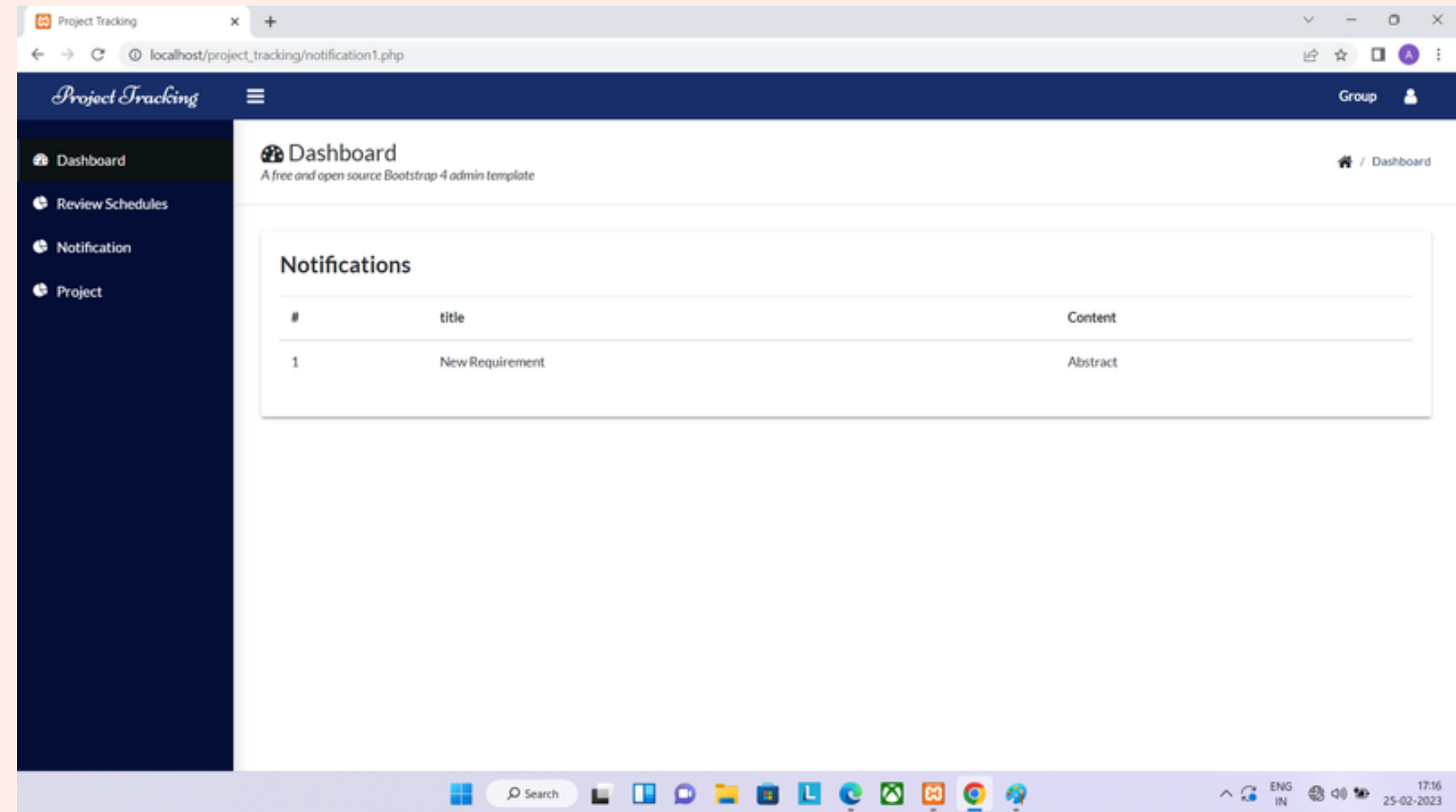
Screenshots

Groups



The screenshot shows the 'Project Tracking' dashboard. The left sidebar contains a menu with 'Dashboard', 'Review Schedules', 'Notification', and 'Project'. The main content area is titled 'Dashboard' and includes a 'create your project' button. Below this is a 'Schedules' section with a table. The table has columns for '#', 'topic', 'about', 'Action', and 'Remove'. It contains one row with the ID '1', topic 'Chat Bot', and description 'Chatbot to help students get response for their queries about the college.' The 'Action' column has a 'View' button, and the 'Remove' column has a 'Delete' button.

#	topic	about	Action	Remove
1	Chat Bot	Chatbot to help students get response for their queries about the college.	View	Delete

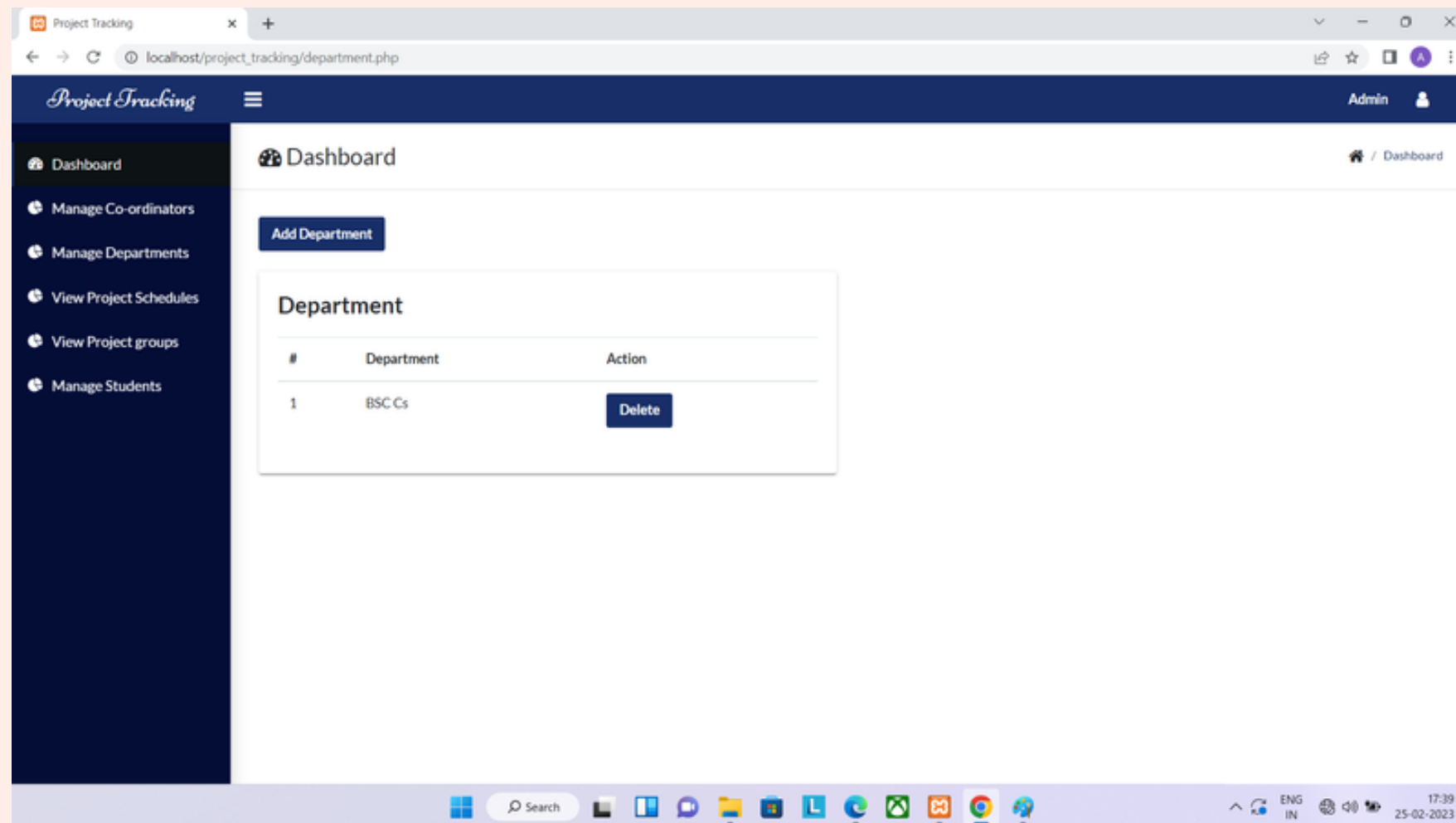


The screenshot shows the 'Notification' page in the 'Project Tracking' application. The left sidebar is the same as the dashboard. The main content area is titled 'Dashboard' and includes a 'Notifications' section with a table. The table has columns for '#', 'title', and 'Content'. It contains one row with the ID '1', title 'New Requirement', and content 'Abstract'.

#	title	Content
1	New Requirement	Abstract

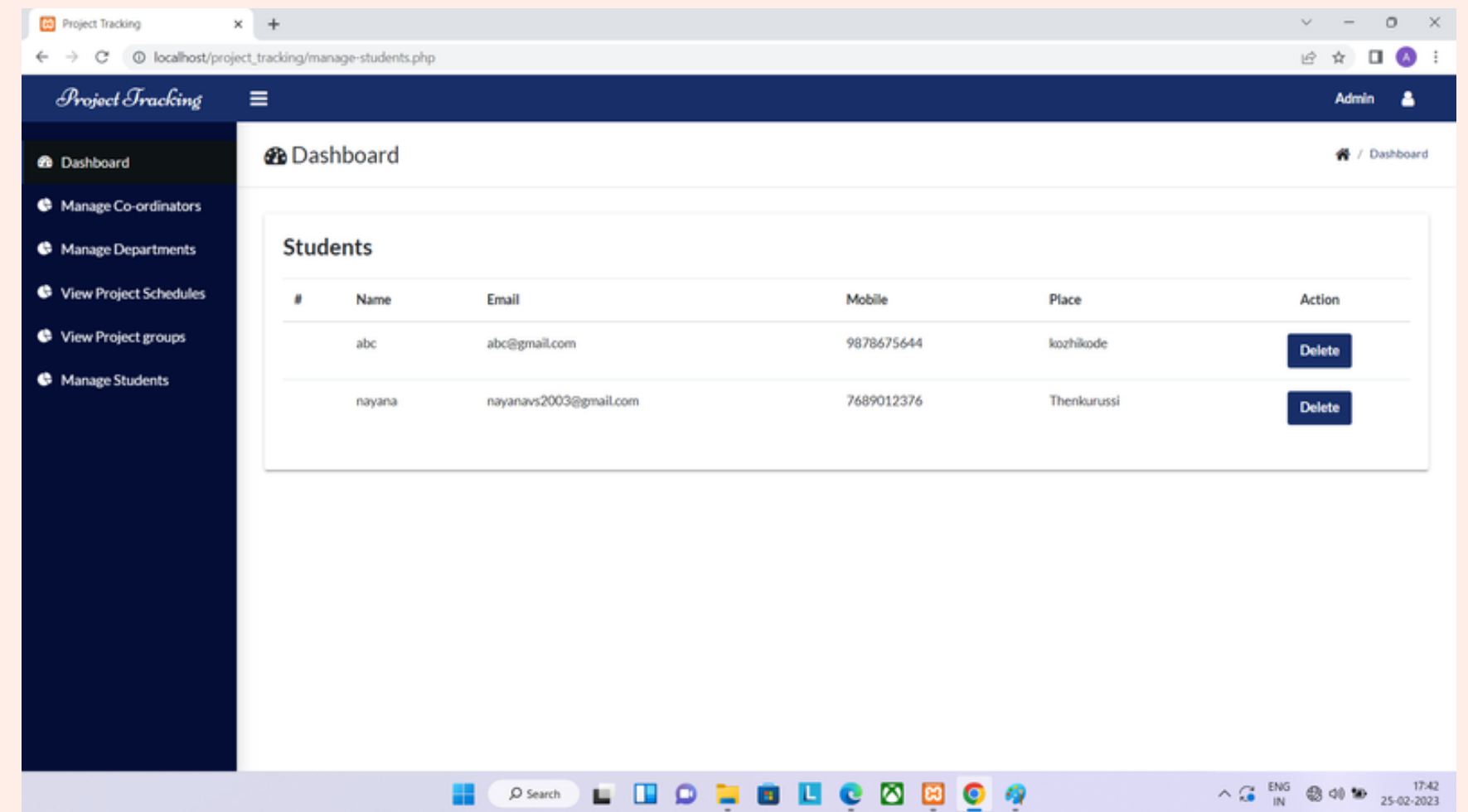
Screenshots

ADMIN



The screenshot shows the 'Project Tracking' Admin Dashboard. The left sidebar contains a menu with the following items: Dashboard, Manage Co-ordinators, Manage Departments, View Project Schedules, View Project groups, and Manage Students. The main content area is titled 'Dashboard' and features an 'Add Department' button. Below this is a table titled 'Department' with the following data:

#	Department	Action
1	BSC Cs	<button>Delete</button>

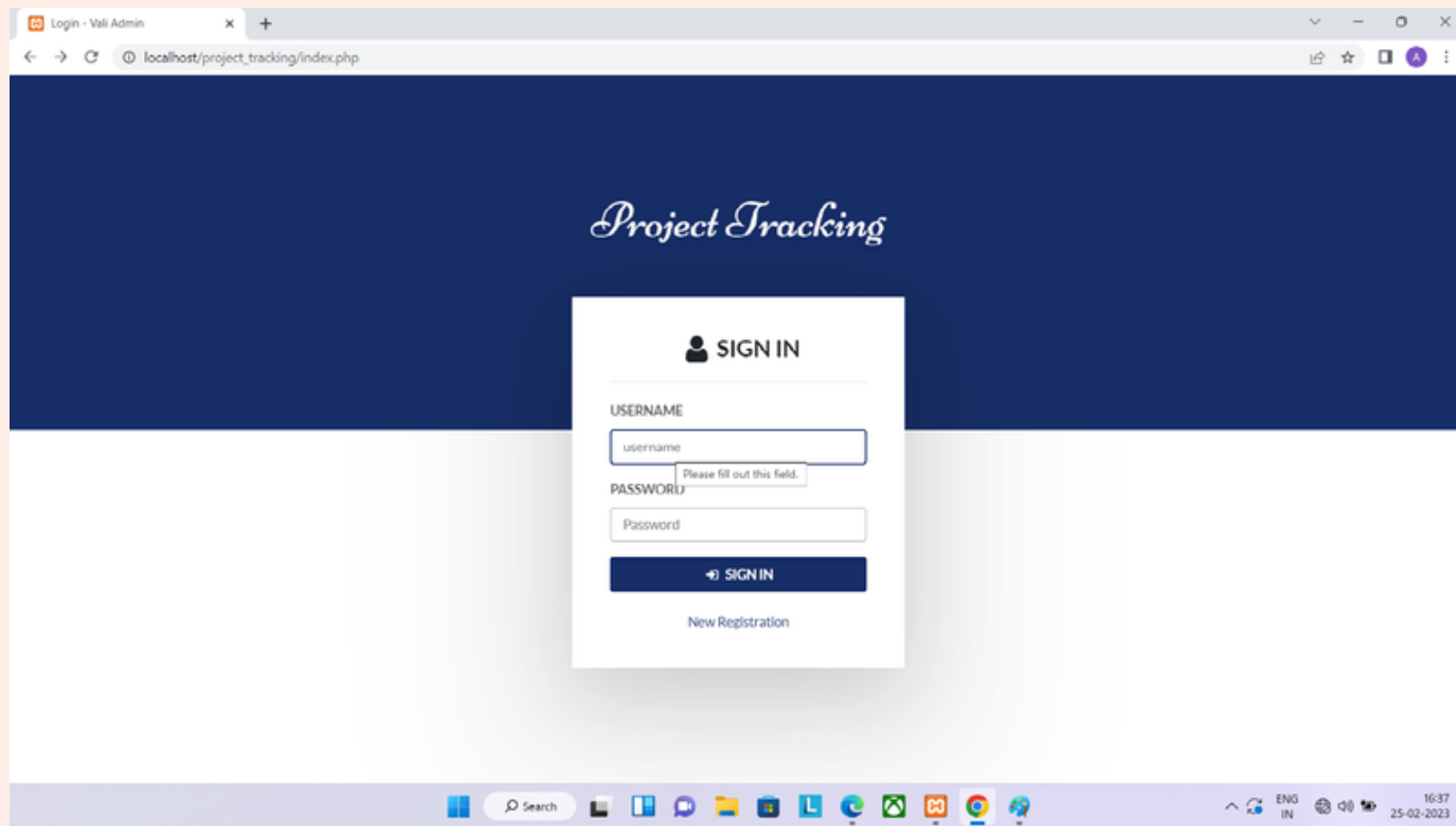


The screenshot shows the 'Project Tracking' Admin Dashboard. The left sidebar contains a menu with the following items: Dashboard, Manage Co-ordinators, Manage Departments, View Project Schedules, View Project groups, and Manage Students. The main content area is titled 'Dashboard' and features a 'Students' table with the following data:

#	Name	Email	Mobile	Place	Action
abc	abc@gmail.com	9878675644	kozhikode	<button>Delete</button>	
nayana	nayanavs2003@gmail.com	7689012376	Thenkurussi	<button>Delete</button>	

Screenshots

Web Login and Registration



The screenshot shows the login page of a web application titled "Project Tracking". The page has a dark blue header with the title in a white script font. Below the header, there is a white login form with a "SIGN IN" button. The form includes fields for "USERNAME" and "PASSWORD". A tooltip "Please fill out this field." is visible over the username field. Below the password field, there is a link for "New Registration". The browser's address bar shows the URL "localhost/project_tracking/index.php". The Windows taskbar at the bottom shows the time as 16:37 on 25-02-2023.

Project Tracking

SIGN IN

USERNAME

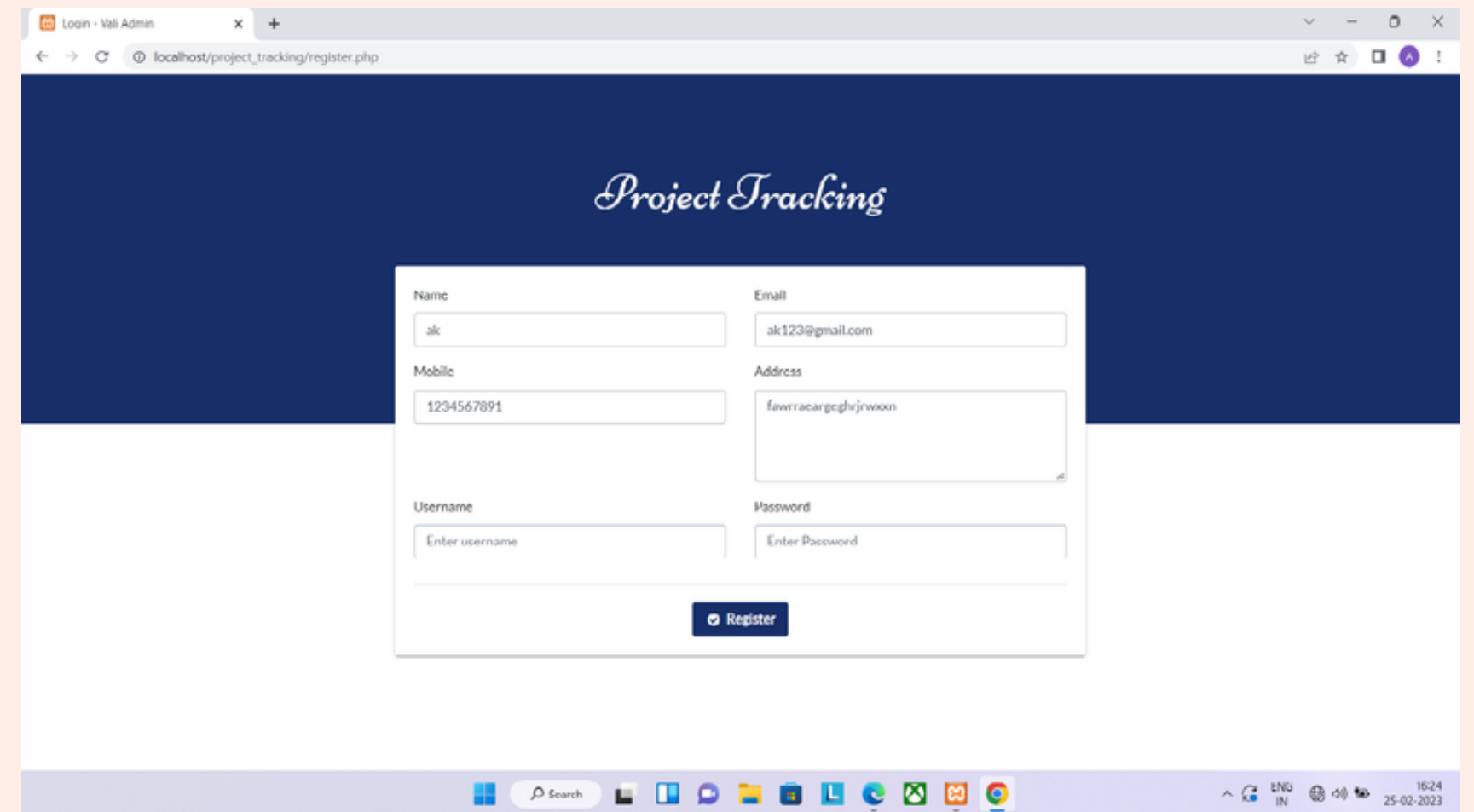
username

PASSWORD

Password

SIGN IN

[New Registration](#)



The screenshot shows the registration page of the same web application. The page has a dark blue header with the title "Project Tracking" in a white script font. Below the header, there is a white registration form with a "Register" button. The form includes fields for "Name", "Email", "Mobile", "Address", "Username", and "Password". The browser's address bar shows the URL "localhost/project_tracking/register.php". The Windows taskbar at the bottom shows the time as 16:24 on 25-02-2023.

Project Tracking

Name

ak

Email

ak123@gmail.com

Mobile

1234567891

Address

fawracargghjrwoon

Username

Enter username

Password

Enter Password

Register

Future Enhancement

- Can make the system available on a larger scale.
- Connection to a Remote Server instead of a Local Server
- Include Uploading PowerPoint presentations and pdfs.
- Convert Group module from web to mobile app.

Conclusion

- In conclusion, the project tracking and management system implemented in this project has proven to be a valuable tool for organizing and managing projects effectively.
- The system provides a centralized platform for tracking project progress, identifying potential roadblocks, and allocating resources efficiently.
- Through its user-friendly interface and customizable features, it has streamlined the project management process and improved communication among team members.
- Overall, the project tracking and management system has helped to increase project efficiency, and improve collaboration among team members.
- We anticipate that it will continue to be a valuable tool for managing projects in the future.

Canva

That's a wrap!

Thank you.

Can