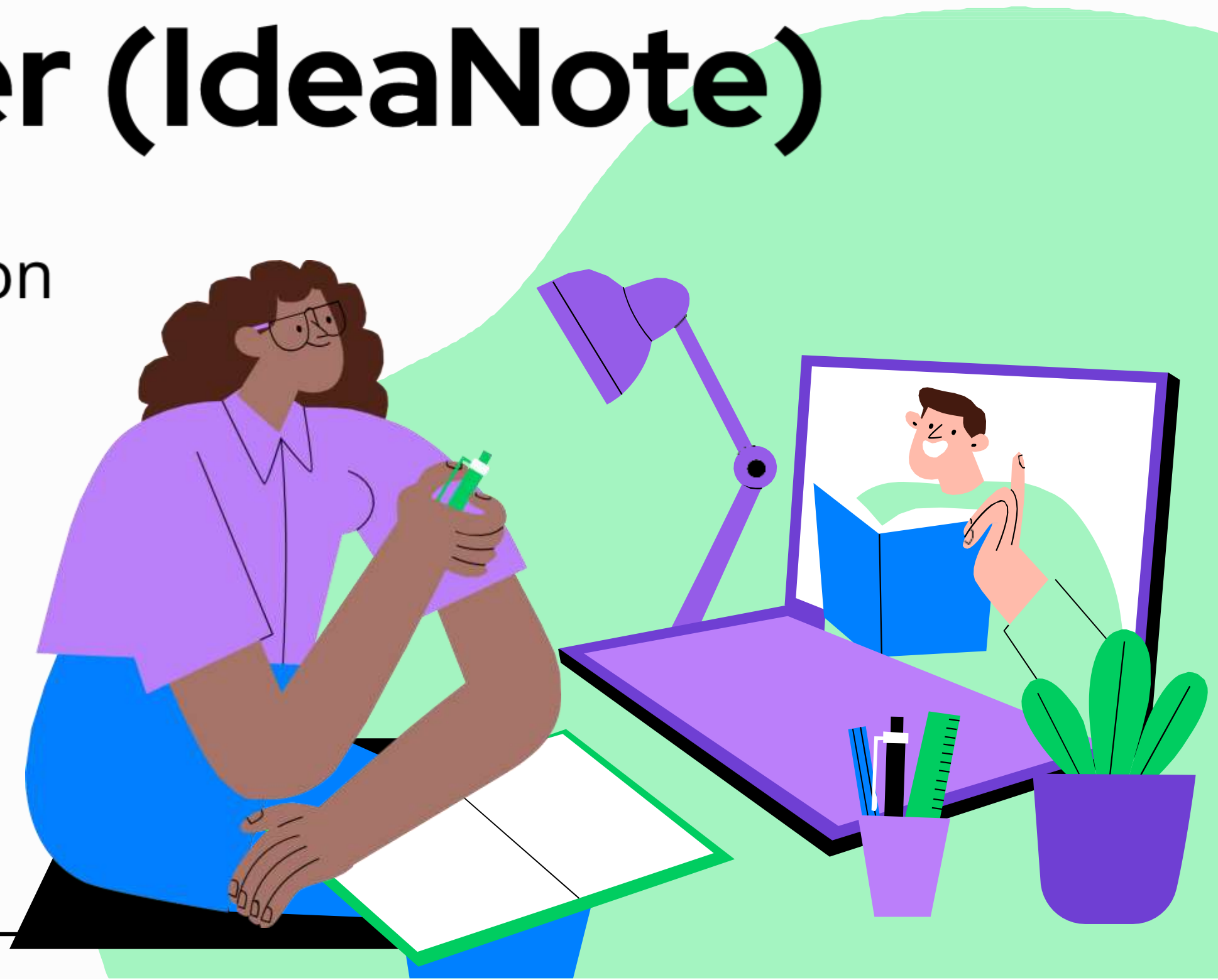# To-Do Tracker (IdeaNote)

Capstone Project Presentation

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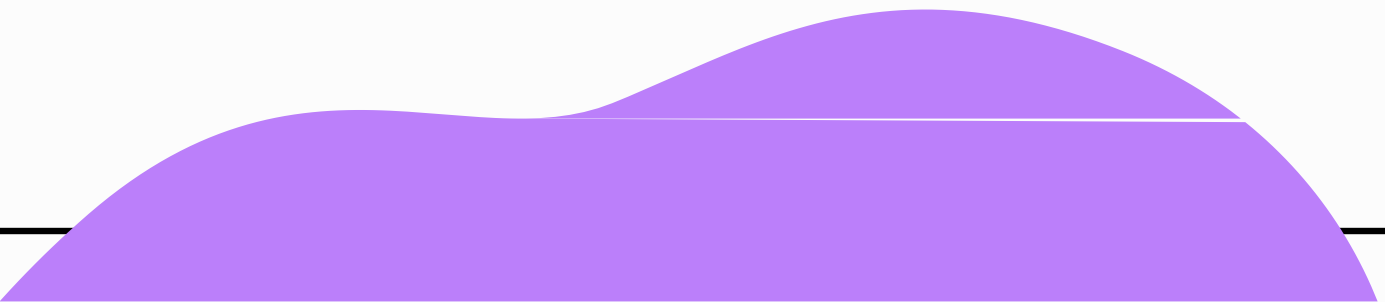
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Q&A

08

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01
Objectives

Objectives

1. **Task Management :** Provide users with a platform to manage their tasks efficiently.

2. **User Interaction:** Allow users to create, edit, delete, and complete tasks easily.

3. **Search and Filtering:** Enable users to search for tasks and filter them based on different criteria.

4. **Archiving and Trashing:** Implement features to archive and trash tasks, keeping the task list organized.

5. **User Authentication:** Ensure that users can securely log in and manage their tasks privately.
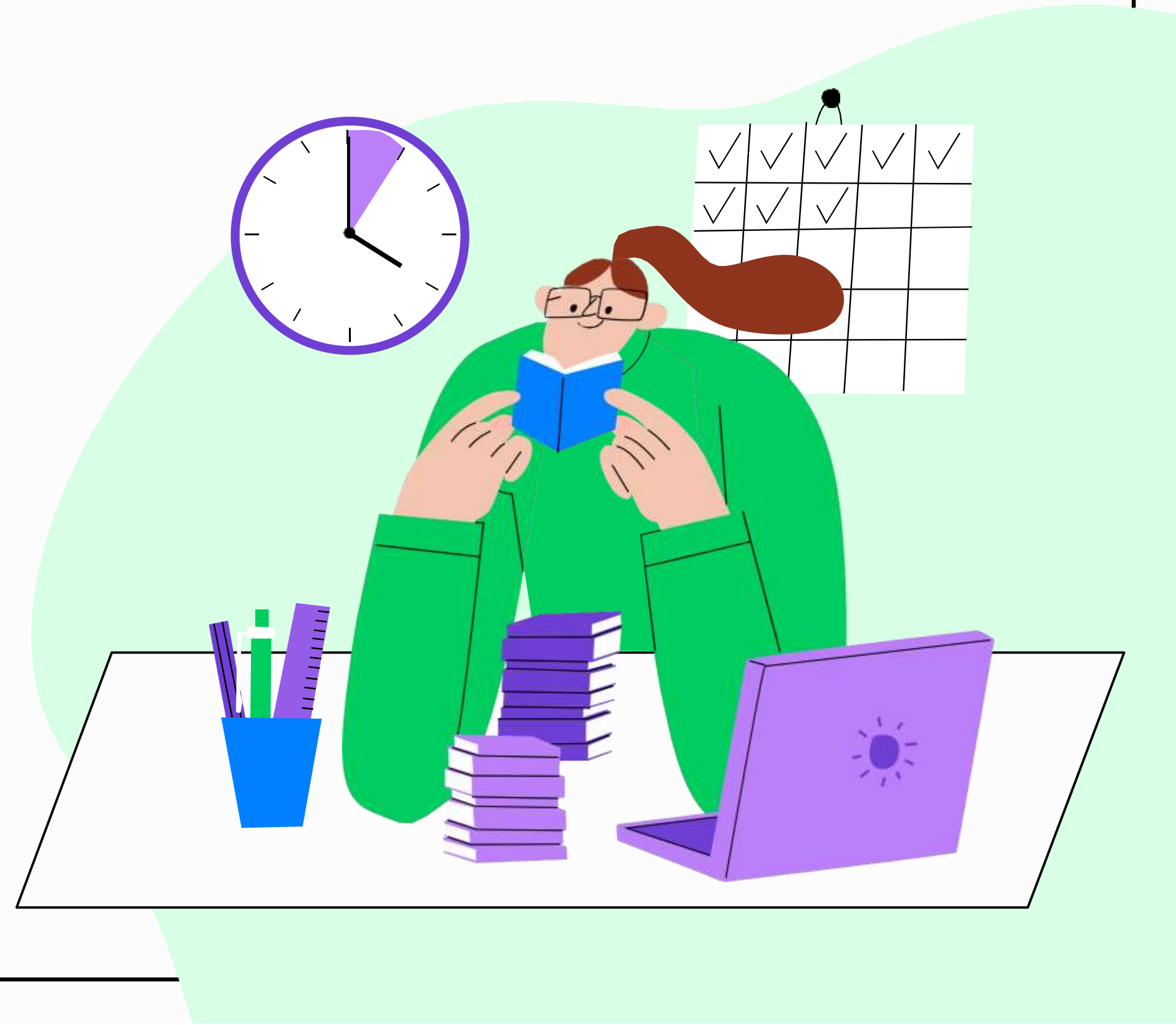
02
Introduction

Introduction

The project is a task management (Idea-Note) application designed to help users organize their tasks effectively. It offers a user-friendly interface where users can add, edit, delete, complete, archive, and trash tasks. Additionally, users can search for specific tasks and filter them based on various parameters.

03
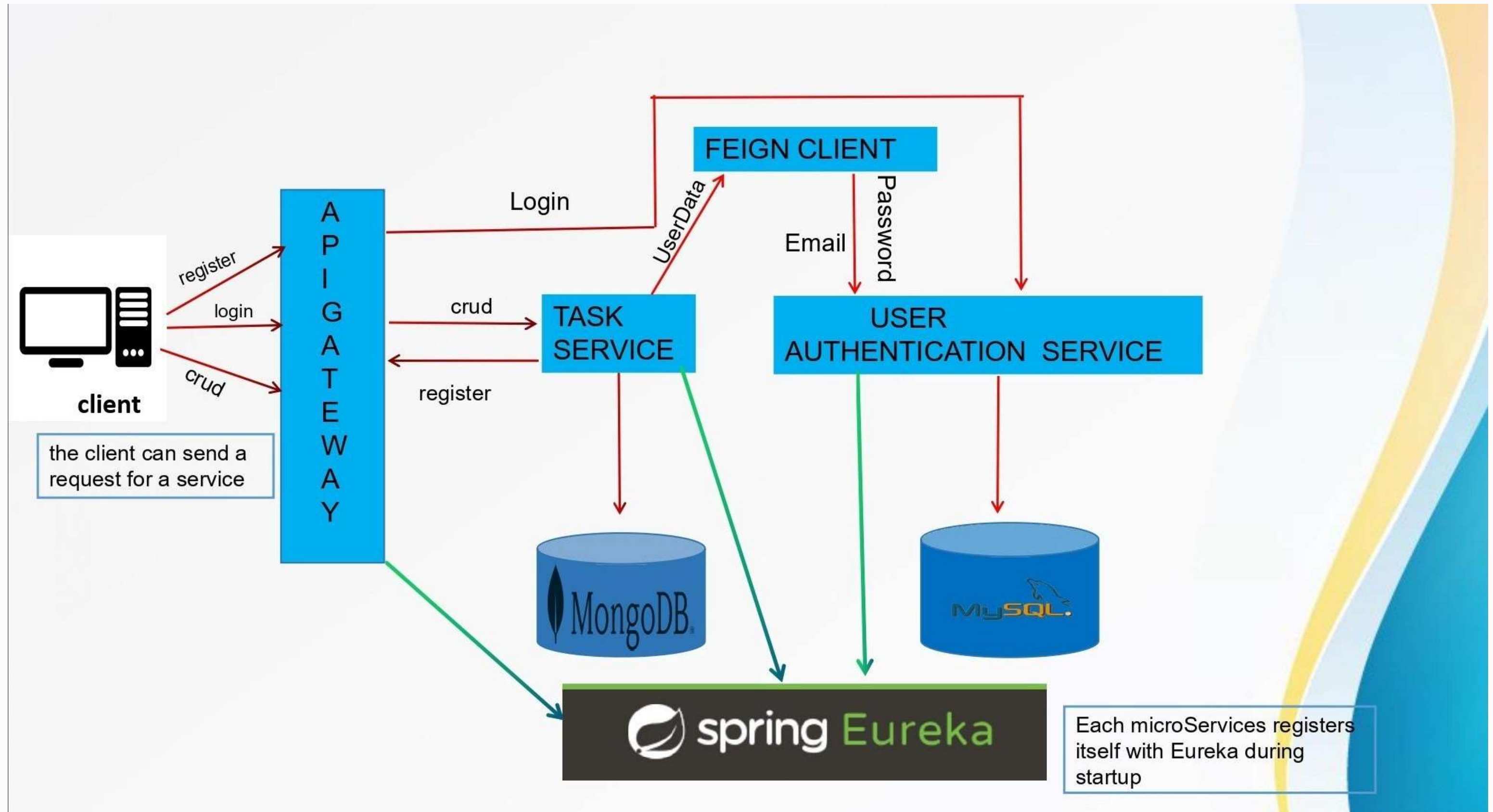# Tools & Technologies

Tools and technologies

- **Front End:** HTML , CSS , Bootstrap , TypeScripts , Angular , Angular Material.
- **Back End:** Java Spring boot.
- **Data Storage:** MongoDB , MySQL.
- **Development Tools:** IntelliJ Idea , Postman , Visual Studio Code , MySQL Workbench , Mongo Shell.

04

Architecture Diagram

Architecture Diagram

05

Functionality

Functionalities

1. **Task CRUD Operations:** Users can create, read, update, and delete tasks.
2. **Task Completion:** Users can mark tasks as completed.
3. **Archiving and Trashing:** Users can archive tasks to remove them from the main task list while still keeping them accessible for future reference. They can also trash tasks to move them to a separate trash section for potential restoration or permanent deletion.

Functionalities cnt'd

4. **Search and Filtering:** Users can search for tasks using keywords and filter tasks based on attributes such as status, due date, etc.

5. **User Authentication:** Secure user authentication ensures that only authorized users can access and manage their tasks.

06

Future Enhancement

Future Enhancement

1. **Collaboration:** Implement features to allow users to share tasks and collaborate with others on specific projects or tasks.

2. **Reminders and Notifications:** Introduce reminders and notifications to alert users about upcoming tasks or overdue deadlines.

3. **Task Prioritization:** Enable users to prioritize tasks and categorize them based on importance or urgency.

Future Enhancement cnt'd

4. Integration with Calendar: Integrate the application with calendar platforms to sync tasks with users' schedules.

5. Data Visualization: Provide graphical representations of task data, such as charts or graphs, to help users analyze their task management patterns and productivity levels.

07

Bibliography

Bibliography

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- **Angular Event Propagation : YouTube** (https://www.youtube.com/watch?v=UWCvbwo9IRk)
- **Angular Dialog :** (https://material.angular.io/components/dialog/overview)

Thanks!

Do you have any questions?