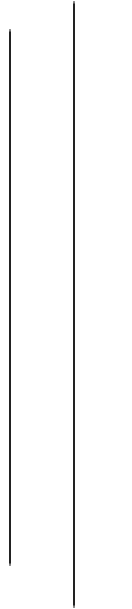




SUNWAY

INT'L BUSINESS SCHOOL



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Course Code: CSC3563

Course Name: MOBILE PROGRAMMING

Individual Project Work

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Report: To-Do App

Introduction to the App

In today's fast-paced world, managing tasks efficiently is crucial for productivity. The To-Do app is designed to streamline the process of task management for users. With a simple, intuitive interface, it ensures users stay organized, prioritize tasks, and achieve daily goals.

Similar Systems

1. ToDo App

ToDo App is a simple app that allows users to create, edit, and delete to-do items. It also supports basic features such as setting due dates and priorities.

Functionalities:

1. Create, edit, and delete to-do items
2. Set due dates and priorities
3. Mark items as done
4. Search for to-do items

Drawbacks:

1. Lacks advanced features such as recurring tasks, subtasks, and attachments
2. Not very customizable

2. ToDoist

ToDoist is a more powerful to-do app that offers a wider range of features. It supports recurring tasks, subtasks, attachments, and a variety of views.

Functionalities:

1. All features of the ToDo App
2. Recurring tasks
3. Subtasks Attachments Customizable views Integration with other apps

Drawbacks:

1. Can be expensive for the premium features
2. Not as user-friendly as some other to-do apps

3. TickTick

TickTick is another popular to-do app that offers a good balance of features and usability. It supports recurring tasks, subtasks, and attachments, and it has a variety of views and customization options.

Functionalities:

1. All features of the ToDo App
2. Recurring tasks
3. Subtasks Attachments Customizable views Integration with other apps

Drawbacks:

1. Some users find the interface to be cluttered
2. Not as many features as some other to-do apps

4 .Any.do

Any. do is a simple and easy-to-use to-do app that is perfect for people who don't need a lot of features. It supports basic features such as creating, editing, and deleting to-do items, and it has a clean and uncluttered interface.

Functionalities:

1. All features of the ToDo App
2. Integration with other apps

Drawbacks:

1. Lacks some advanced features such as recurring tasks and subtasks
2. Not as customizable as some other to-do apps

Functionalities of the App (with screenshots)


1. Users can self Signup their account using their Full Name, email, and password

This feature offers autonomy to users, enabling them to initiate their journey in the application by creating their own accounts. Typically, they provide personal details like Full Name, Email ID, and a chosen password. Email confirmations might follow to validate the authenticity of the registration process.

Flutter App x +

localhost:41769

← Signup



Full Name

Email

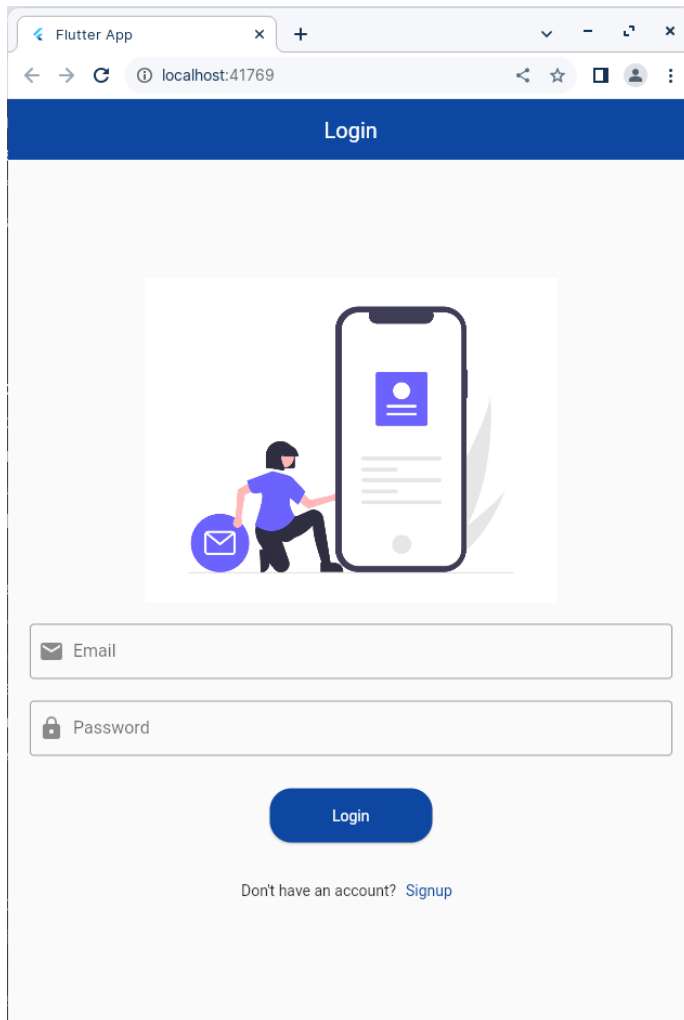
Password

Confirm Password

Signup

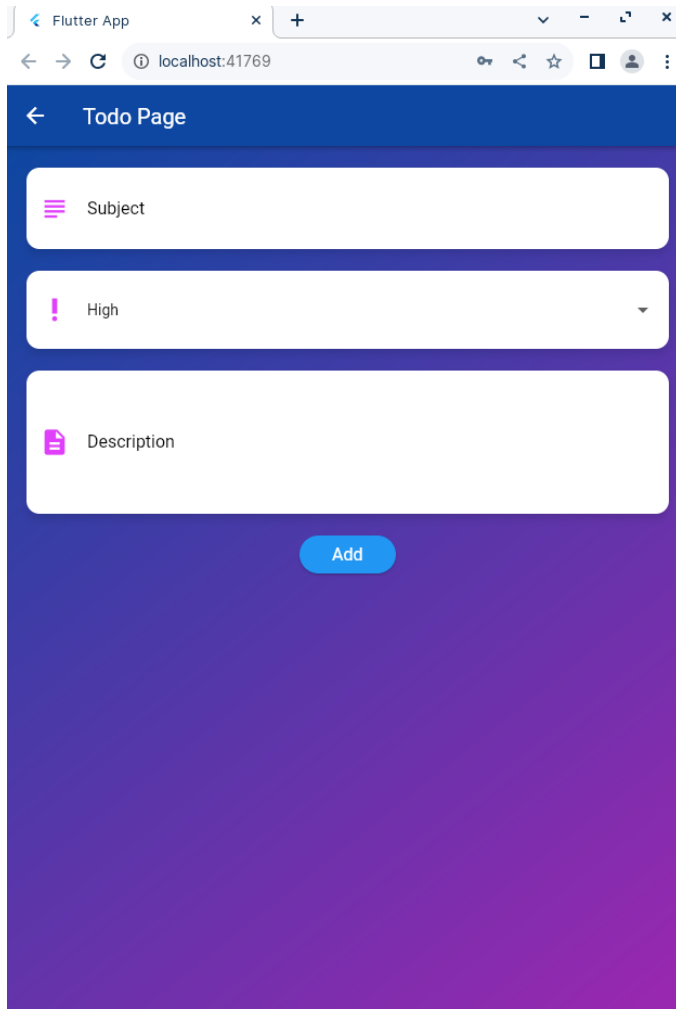
2. Seamless Login

Providing a smooth user experience is vital. A seamless login ensures users can access their accounts effortlessly without any interruptions. The user-friendly UI prompts them to enter their credentials, and they are quickly directed to the main dashboard or homepage.



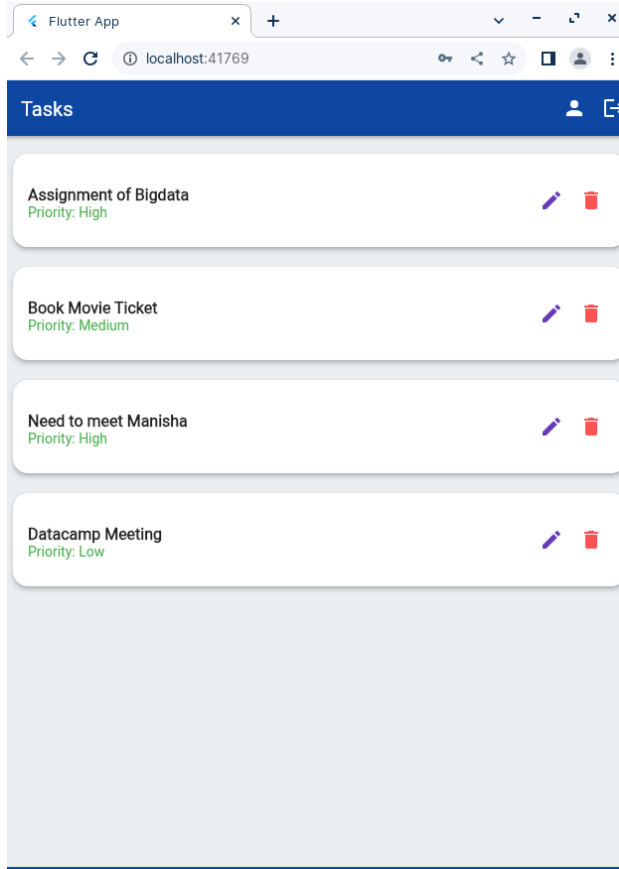
3. Task Entry

With busy schedules, people need to note down tasks rapidly. The Task Entry feature facilitates users to swiftly add tasks. A simple interface pops up for users to enter the task details, making the process intuitive and efficient. Additionally, setting deadlines helps them manage time better.



4. Task Prioritization

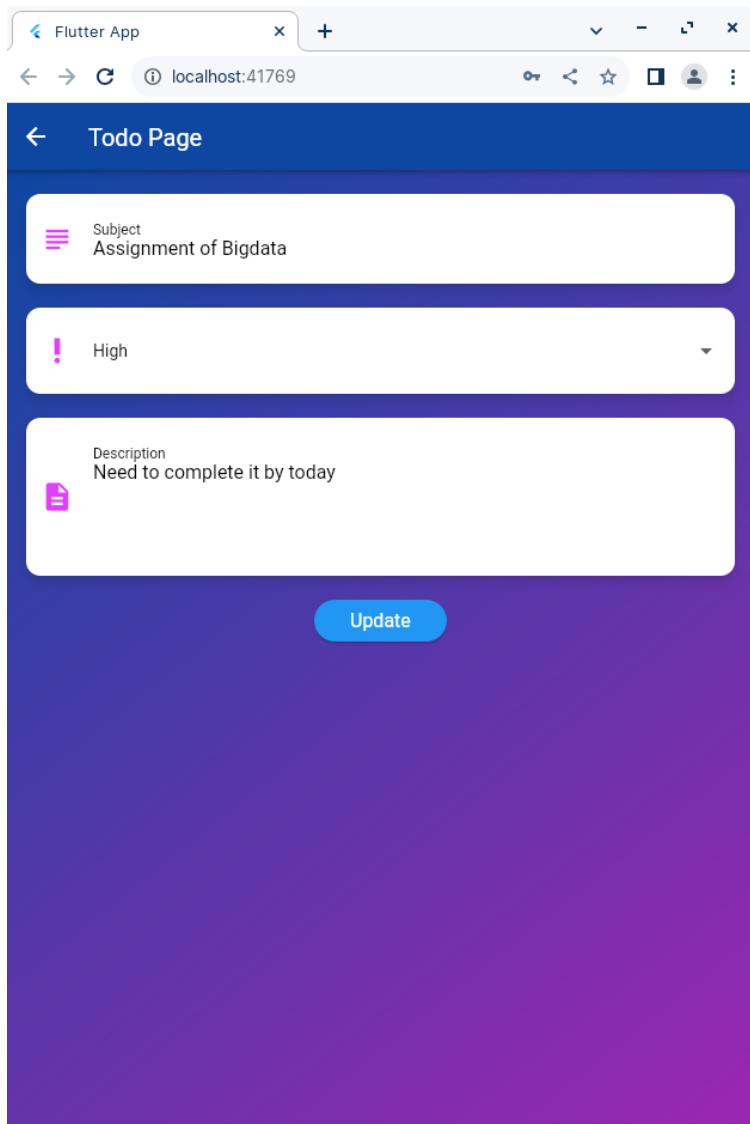
Not all tasks hold the same urgency. This feature lets users label tasks based on their significance, ensuring that pressing tasks get the attention they require. It's a vital tool for effective time management and productivity enhancement.



5. Users can Create, Retrieve, Update, and Delete the task

Often abbreviated as CRUD operations, these are fundamental actions that any task management system should possess. Users can:

- Create: Add new tasks.
- Retrieve: View or fetch the list/details of tasks.
- Update: Modify the details or status of a task.
- Delete: Remove a task if it's no longer needed.



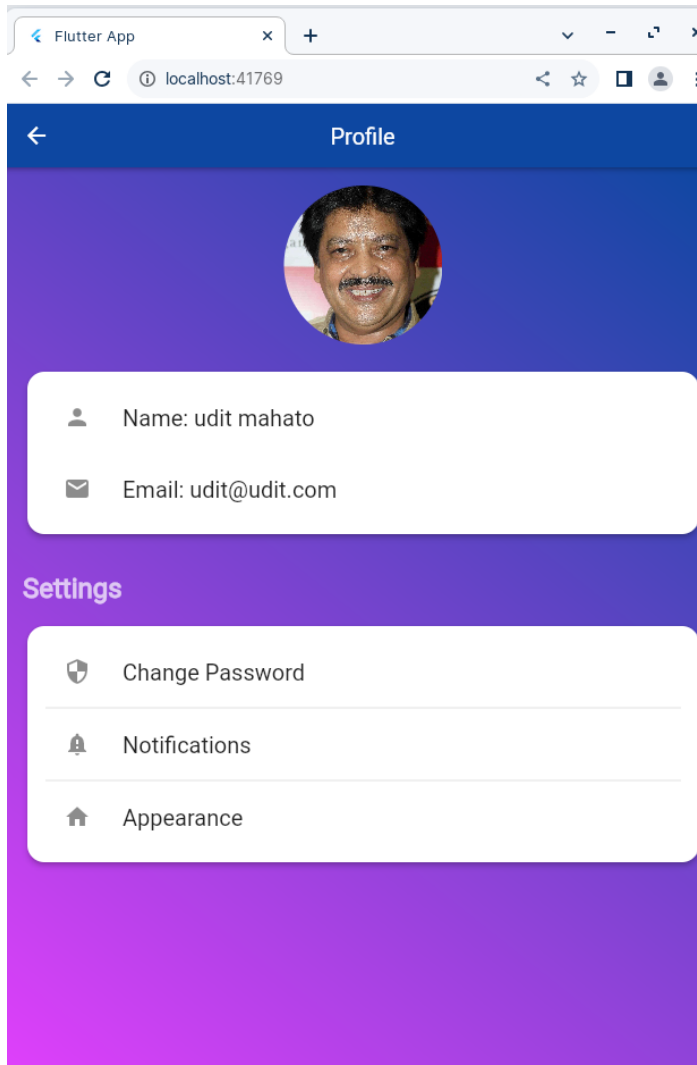
6. Delete All Task

Sometimes, users might want to clear their list, maybe at the end of a project or to start afresh. This feature provides them the convenience of removing all tasks in a single action, saving time and effort.



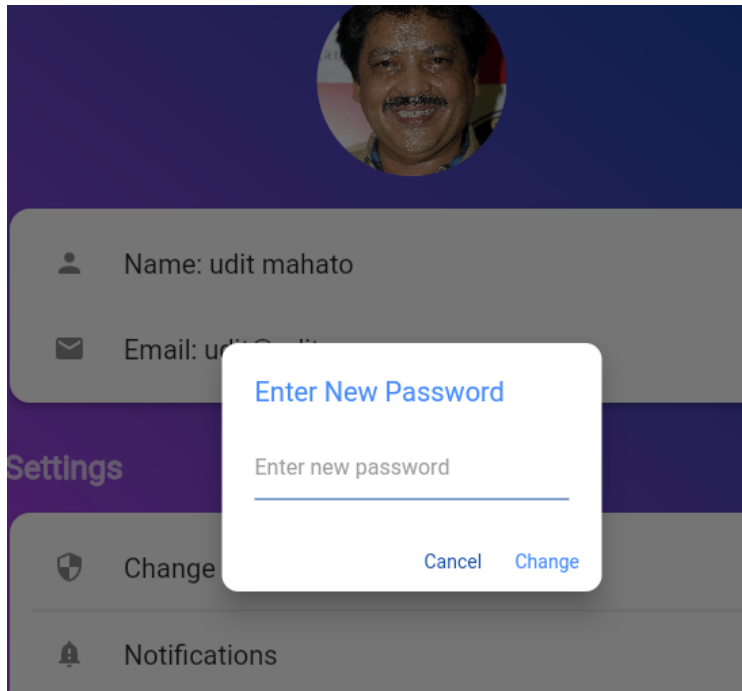
7. Profile and Settings

A personalized touch always enhances user experience. This feature offers users the flexibility to tailor their profiles. They can upload profile pictures, set preferences like themes or layouts, and adjust notification settings at their convenience.



8. Change Password

Security and privacy are paramount in any digital platform. If users feel their password has been compromised or they simply wish to update it, this feature allows them to securely change their password, fortifying their account's safety.



Limitations

1. Currently, the app doesn't offer integrations with calendars or other productivity apps.

This means that while the app serves its primary purpose of task management, it doesn't connect with other tools like Google Calendar, Outlook, etc. Users might have to manually transfer tasks or events between the app and their calendars, lacking seamless synchronization. Additionally, the absence of integration with other productivity apps means the user can't link tasks with, for instance, their notes or project management tools directly.

2. Only available for Android and the Web right now.

The application's accessibility is currently limited to Android devices and web browsers. This means users with iOS, Windows mobile, or other platforms won't be able to access the app on their devices, which can limit the app's user base.

3. Users can't share tasks or collaborate on tasks with team members, making it more suited for individual use.

While the app is great for personal task management, it doesn't support collaborative features. Users cannot assign, share, or co-edit tasks with others. This limitation makes the app ideal for solo users but not for teams or groups wishing to coordinate on tasks or projects.

4. Users cannot use the option to add sub-tasks.

Sub-tasks help in breaking down a larger task into smaller, more manageable pieces. The absence of this feature means users need to create separate tasks for every single step or component, potentially making the task list longer and less organized.

5. Users cannot add images.

Visual references, like images, can be beneficial in providing context or clarity for a task. However, with the app not supporting image addition, users will solely rely on textual descriptions, which might not be as descriptive or illustrative.

6. Replacing the Image is not Working.

This indicates a possible glitch or oversight in the app's design. Even if a user manages to add an image (perhaps to their profile), they cannot update or change it, which can be limiting and frustrating, especially if the image becomes outdated or irrelevant.

7. Dark Mode is not available.

A popular feature in many modern apps, Dark Mode helps reduce eye strain, especially during nighttime usage. It also offers a fresh aesthetic appeal. The absence of this mode means users are stuck with the default theme, which might not be preferable for everyone, especially for those who frequently use the app in dim lighting conditions.

Future Improvements

1. I aim to launch our app for iOS and web platforms, ensuring all users, irrespective of device preference, can use it.
2. Integrating with popular calendars and productivity apps can significantly enhance the user experience.
3. Adding features for shared tasks, comments, and collaborative lists is in our development roadmap. This will make the app suited not just for individuals but also for teams.