Assignment 02

Title: Interactive Todo App with Flutter Widgets

Theory:

In our project, we've integrated a range of Flutter widgets to craft an engaging and dynamic todo application.

Elevated Button:

The ElevatedButton widget follows Material Design principles, presenting a button that appears to float above the background, drawing focus to primary actions. We've employed ElevatedButton to trigger the addition of new notes, providing users with a clear and accessible way to create tasks. Furthermore, we've utilized IconButton to offer functionality such as deleting existing notes, enhancing the app's usability.

IconButton:

IconButton serves as a compact button with an icon as its label, commonly found in app bars, toolbars, and other areas where space is limited. Throughout the app, IconButton enables users to perform actions with ease, such as deleting notes or accessing additional features, contributing to a seamless user experience.
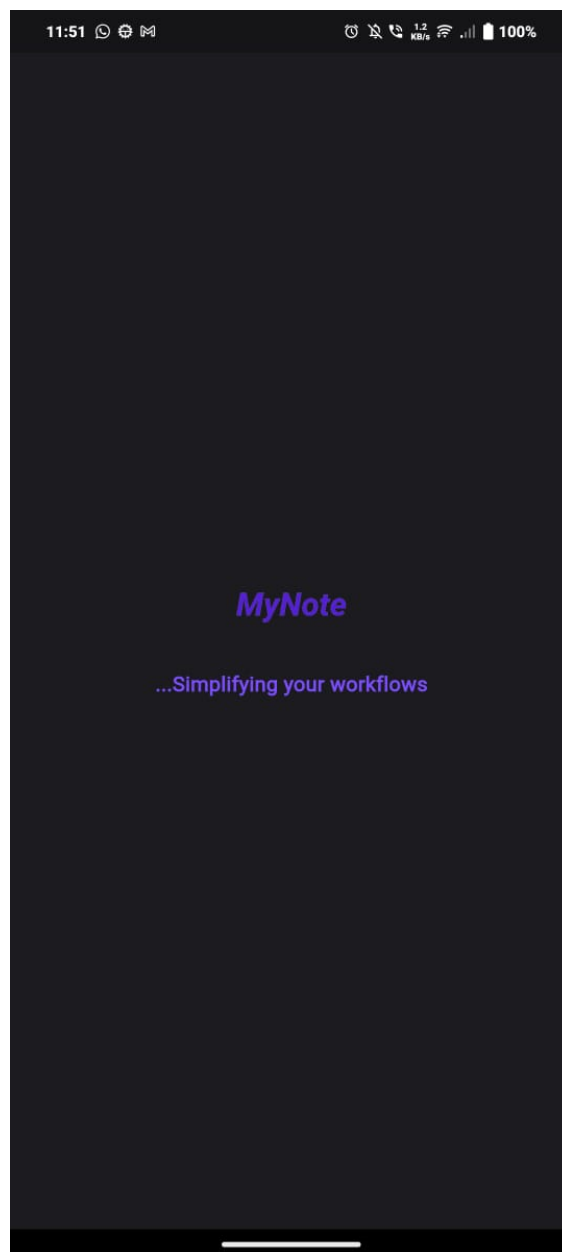
TextField:

The TextField widget plays a central role in the Addscreen Notes section, enabling users to input text for note labels and titles. Its versatility allows for customizable text input fields, enhancing user engagement and interaction. Additionally, we've implemented the Confirmation Dialogue widget to ensure users can confirm their actions, adding a layer of reassurance and preventing accidental data loss.
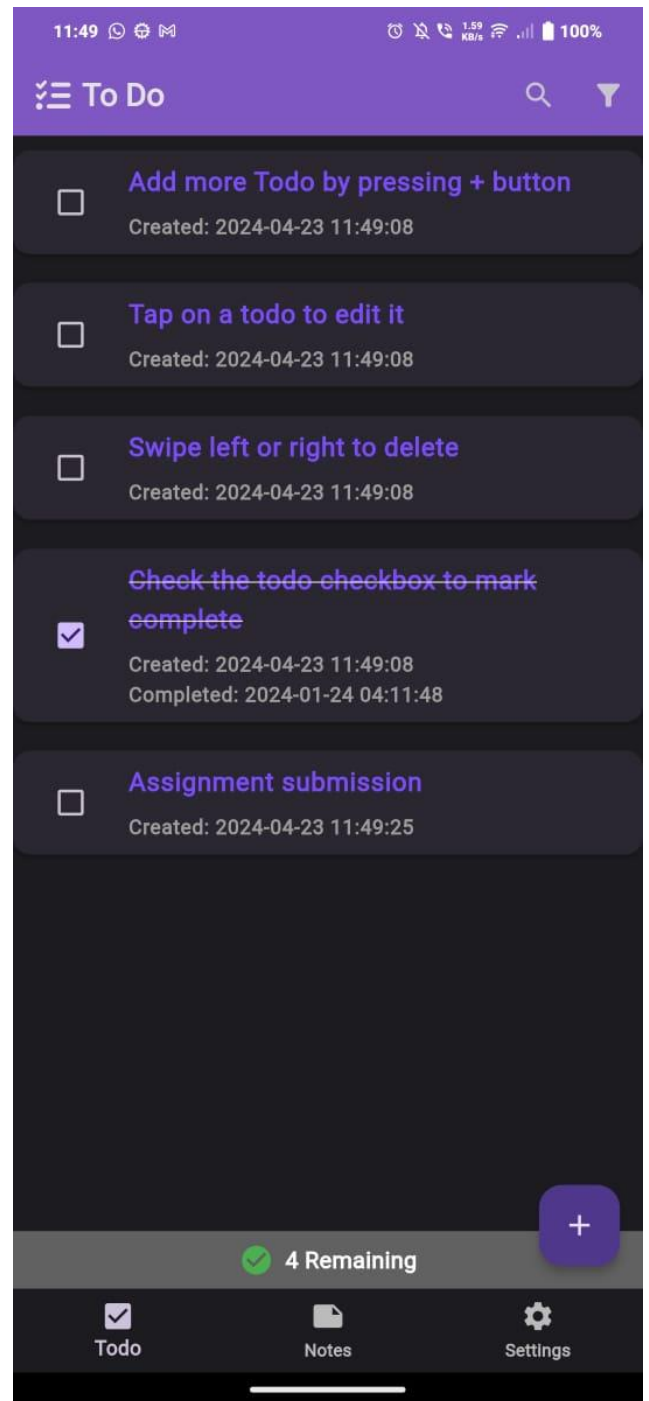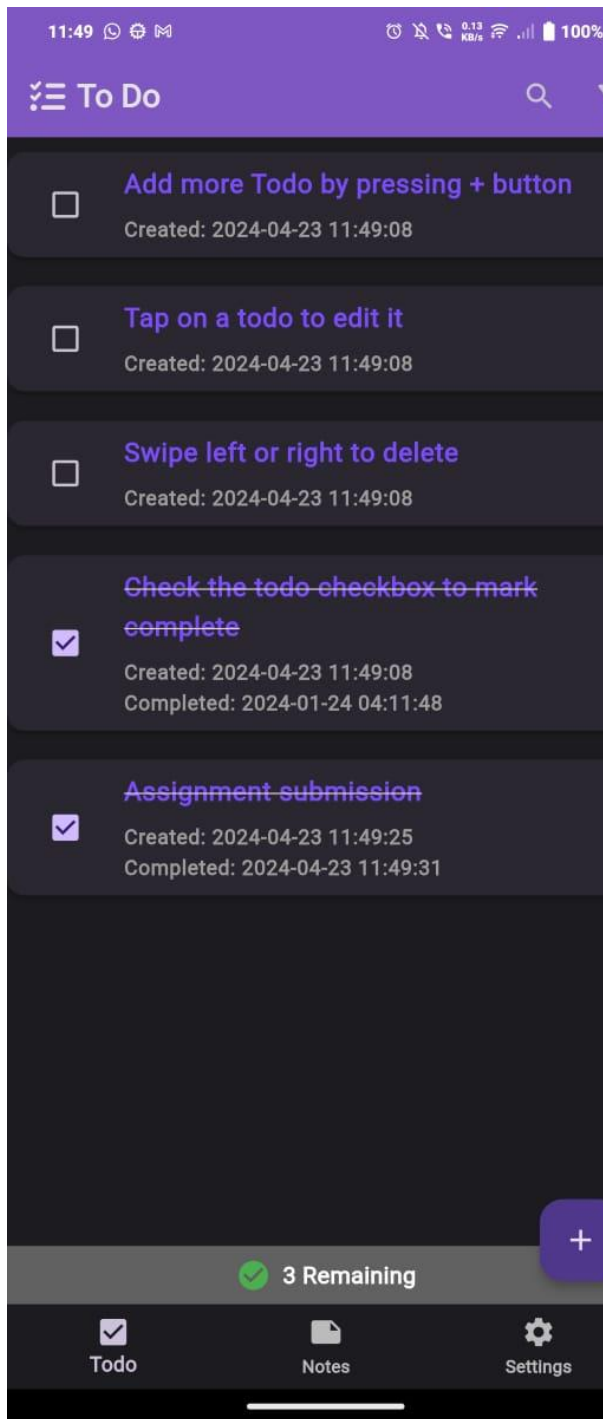
Label in Flutter:

While Flutter doesn't have a dedicated "Label" widget, we've utilized the Text widget to display text across various parts of the application. Whether it's conveying titles, descriptions, or guidance to users, Text offers extensive styling options to meet design requirements. By leveraging Text effectively, we maintain consistency in the app's visual presentation and provide clear communication to users.
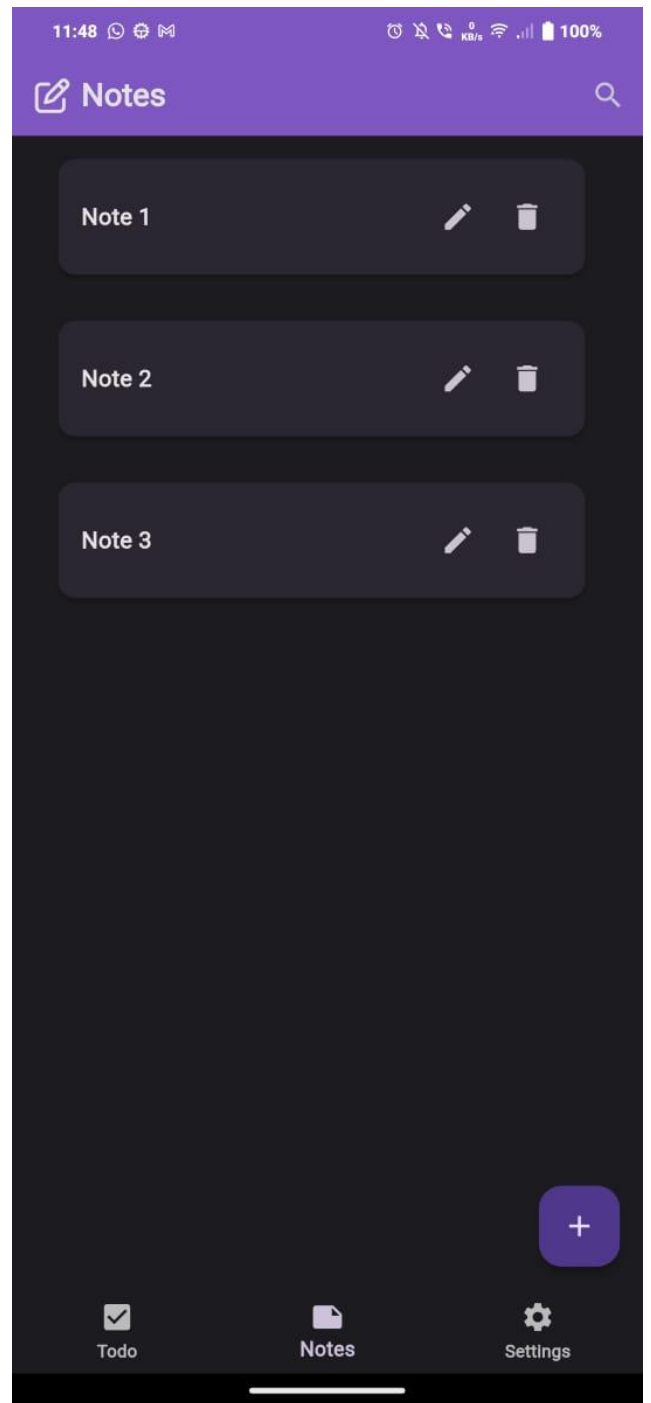
Outputs:
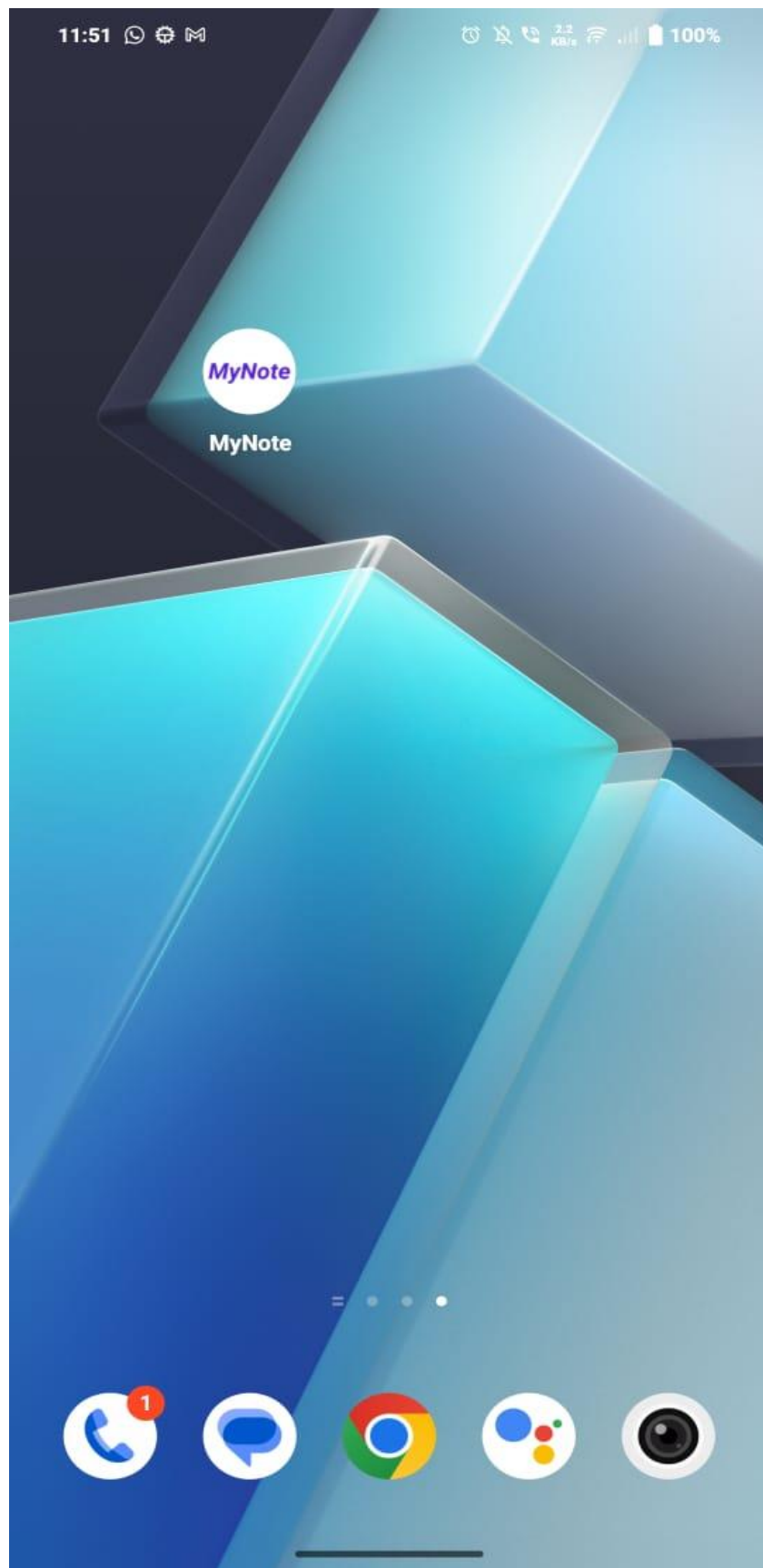
This is the Loading screen

Left screen:

11:49 · 100%

To Do · 🔍 ▼

☐ **Add more Todo by pressing + button**
Created: 2024-04-23 11:49:08

☐ **Tap on a todo to edit it**
Created: 2024-04-23 11:49:08

☐ **Swipe left or right to delete**
Created: 2024-04-23 11:49:08

☑ ~~Check the todo checkbox to mark complete~~
Created: 2024-04-23 11:49:08
Completed: 2024-01-24 04:11:48

☑ ~~Assignment submission~~
Created: 2024-04-23 11:49:25
Completed: 2024-04-23 11:49:31

✅ 3 Remaining · +

Todo · Notes · Settings

Right screen:

11:49 · 100%

To Do · 🔍 ▼

☐ **Add more Todo by pressing + button**
Created: 2024-04-23 11:49:08

☐ **Tap on a todo to edit it**
Created: 2024-04-23 11:49:08

☐ **Swipe left or right to delete**
Created: 2024-04-23 11:49:08

☑ ~~Check the todo checkbox to mark complete~~
Created: 2024-04-23 11:49:08
Completed: 2024-01-24 04:11:48

☐ **Assignment submission**
Created: 2024-04-23 11:49:25

✅ 4 Remaining · +

Todo · Notes · Settings

Adding ToDO.

Notes Section

App Icon.