

A hand holding a smartphone against a background of a whiteboard with sticky notes.

# CPAD Assignment Flutter App with Back4App Integration

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# How to run the app

- In order to run this application, ensure [Flutter](#) is downloaded and installed.
- Steps to run the app:
  1. Download the [code zip](#)
  2. Extract the zip file and traverse to the folder with the pubspec.yaml file
  3. Open cmd/terminal with the current path
  4. Execute 'flutter run'
  5. Choose the respective device
  6. The app begins after resolving dependencies

# Features

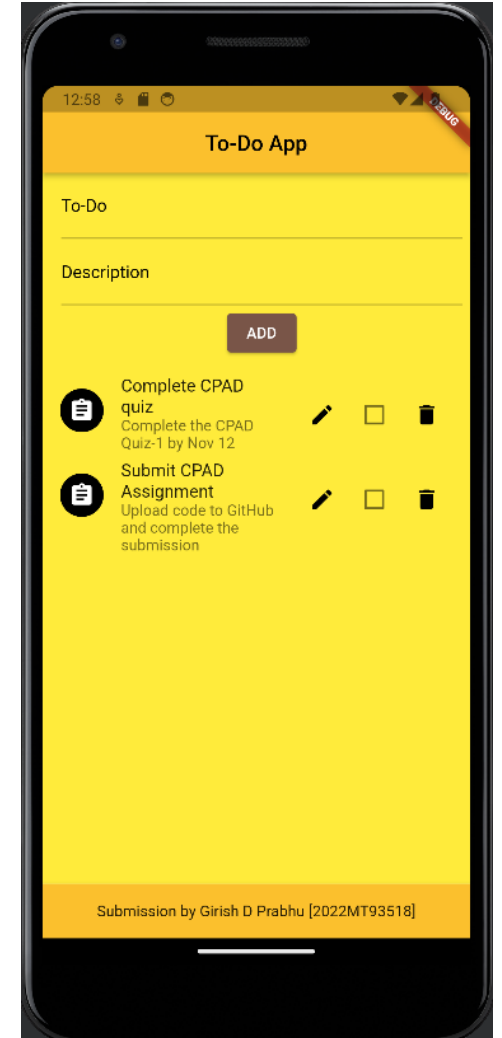
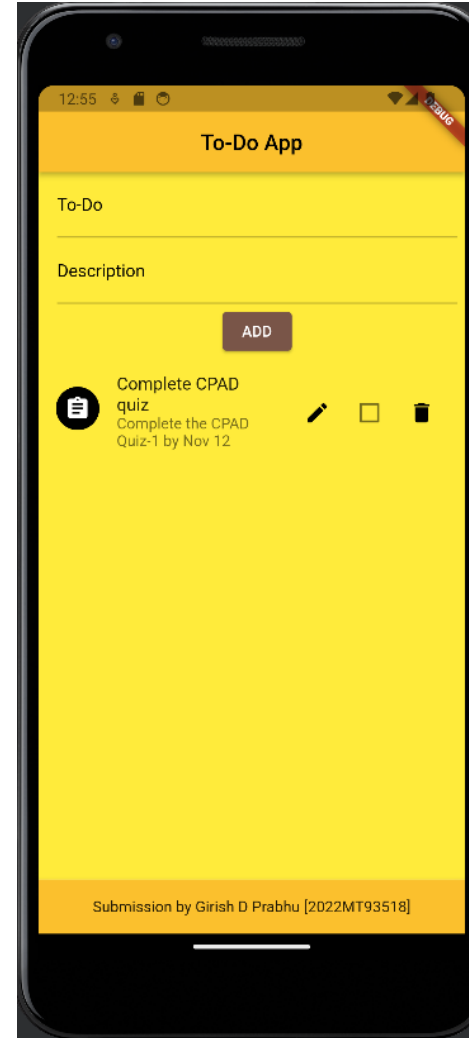
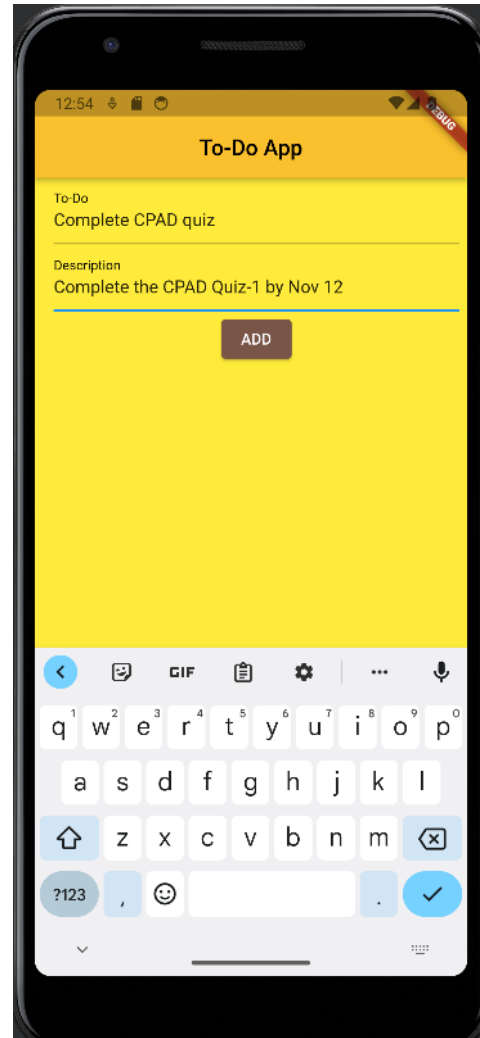
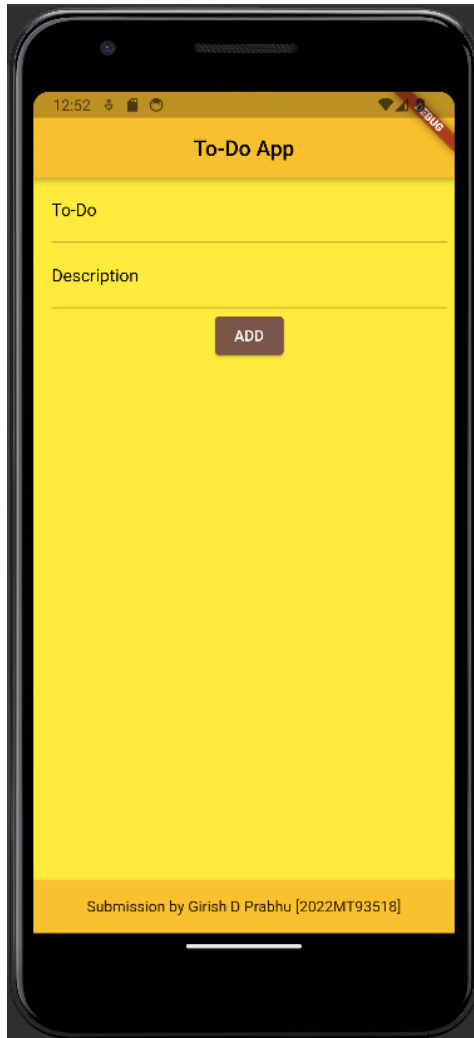


The app is based on Flutter and uses Back4App as a backend.

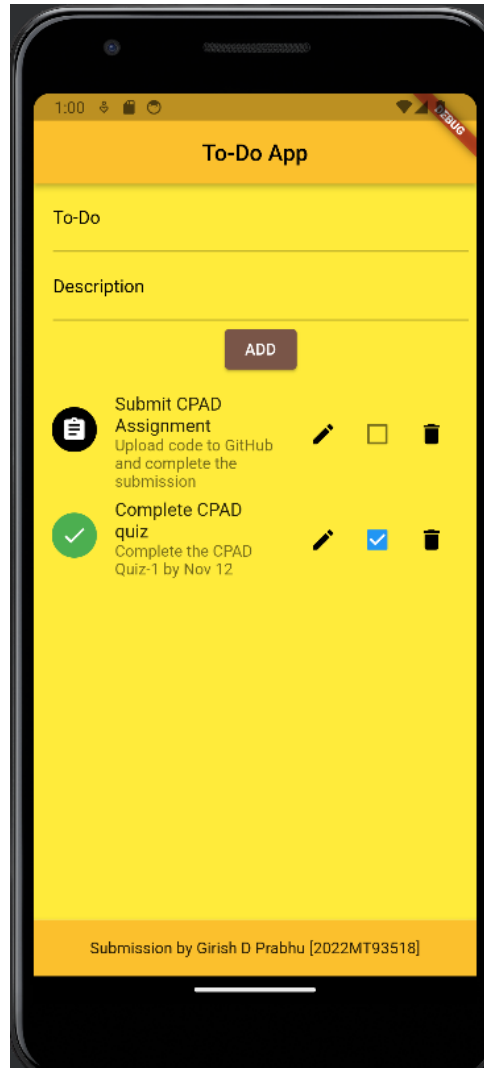
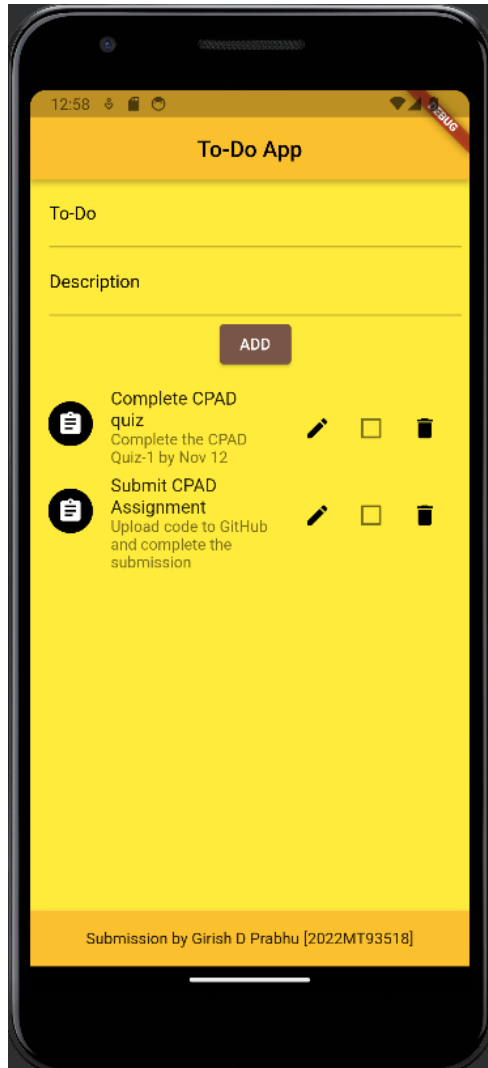


This app has implemented basic CRUD operations to add,update,delete and mark the to-do tasks as done.

# Add tasks to the To-Do app

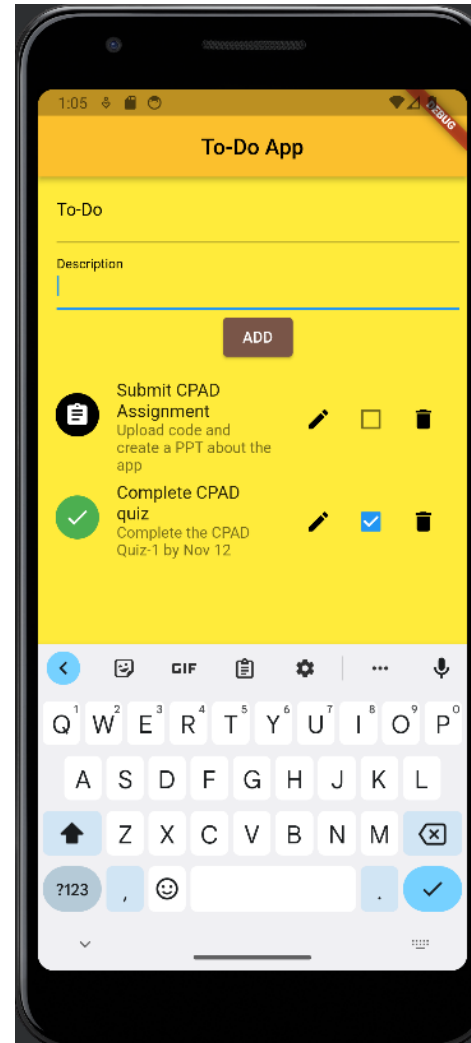
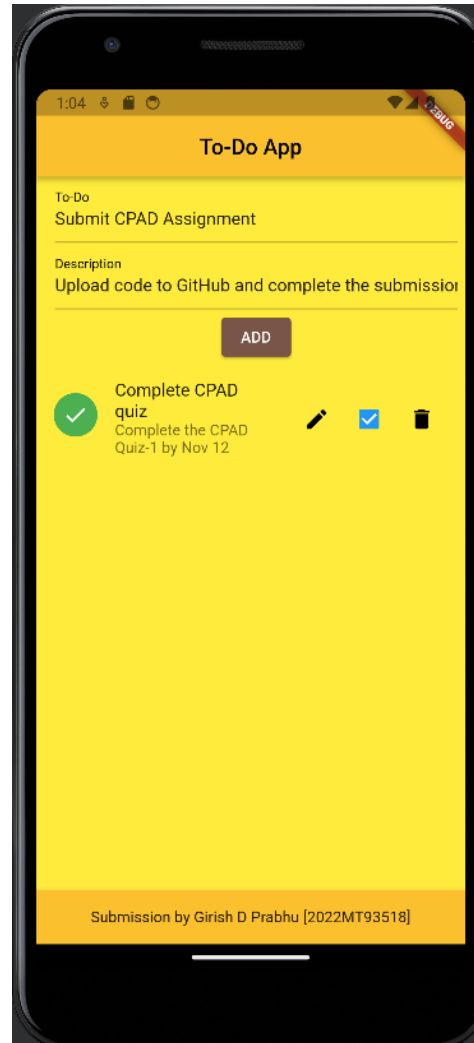
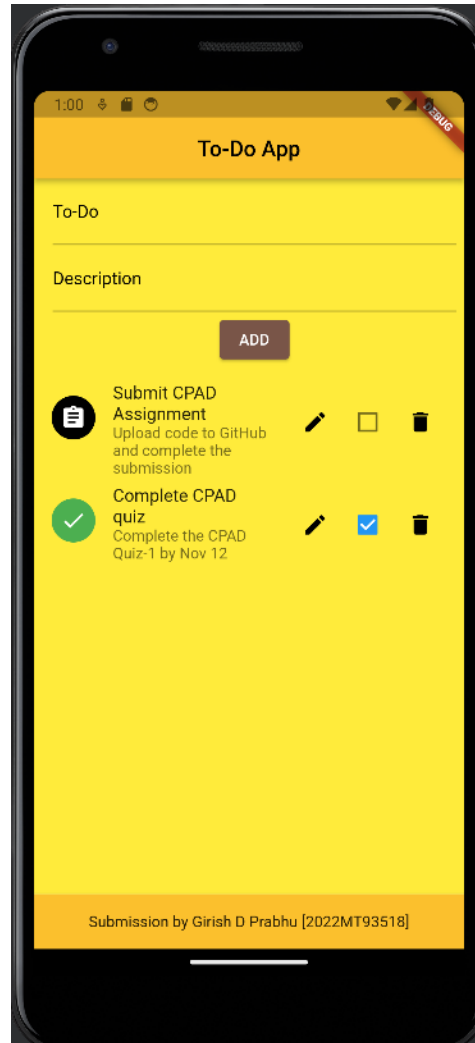


# Mark the task as complete using the checkbox



Completed tasks are moved below all the incomplete tasks  
The completed tasks get a green icon with a tick mark

# Edit a task

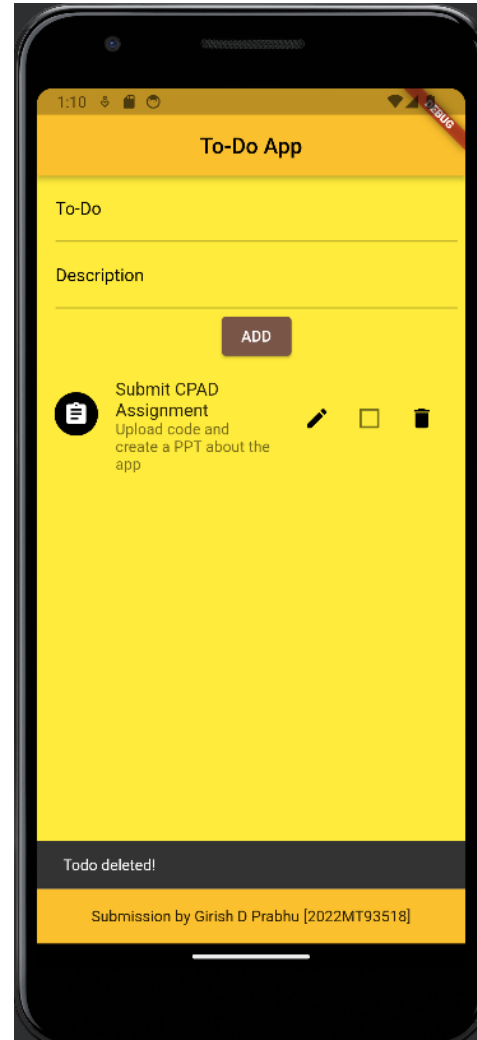
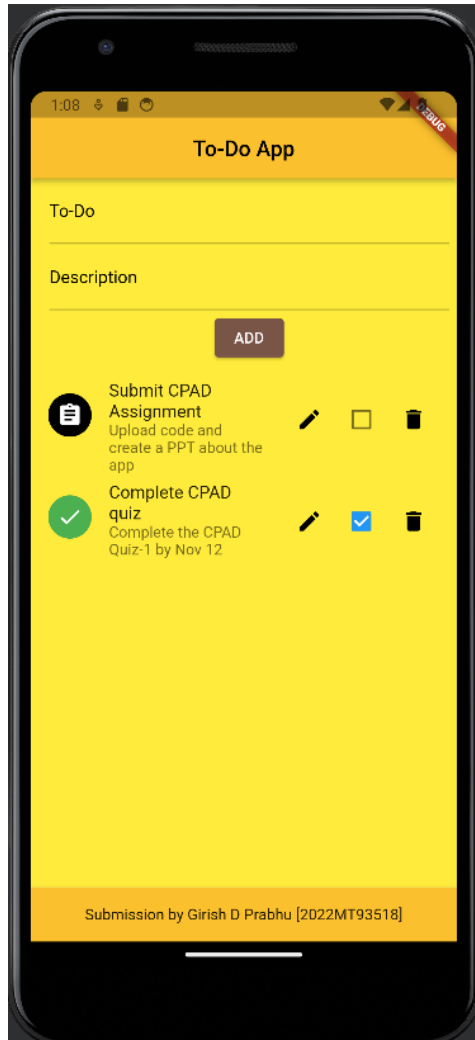


On clicking the edit button,  
The task contents get copied to the  
text fields and the task is deleted  
from the list.

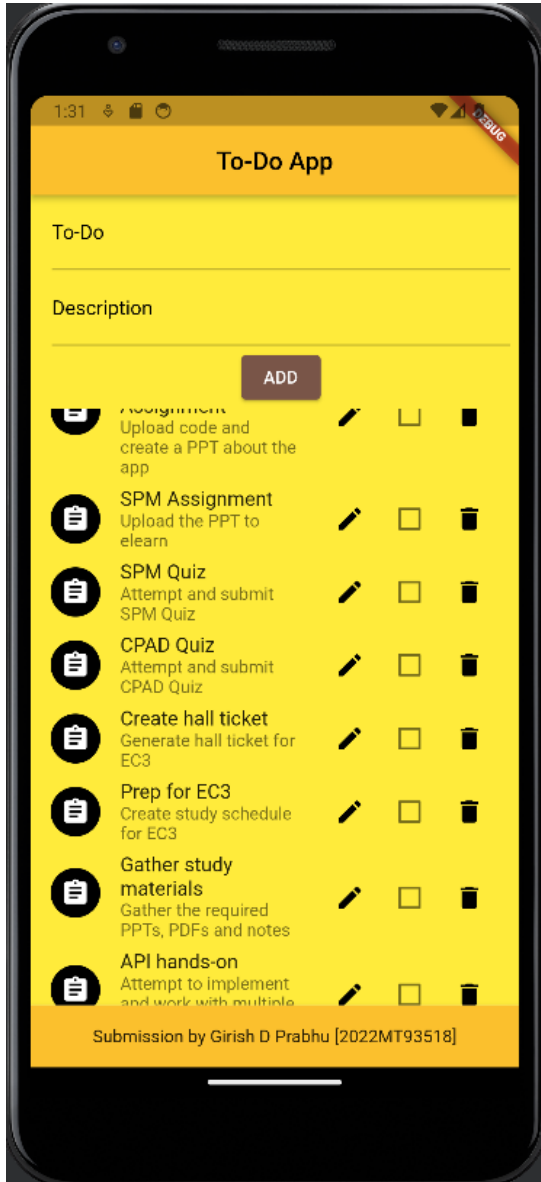
The user can edit the text in the  
text field and click on ADD to add  
the edited task back to the To-Do  
list.

Completed tasks cannot be edited,  
the edit button gets disabled for  
completed tasks.

# Delete a task



Tasks can be deleted using the delete button beside the task  
Both completed and incomplete tasks can be deleted



Scrolling enabled  
when task list  
exceeds screen size

