

CPA Assignment Submission

Submit the link to your GitHub repository where you've hosted your Flutter app code.

Github URL : <https://github.com/sowmyasantoshi4/cpa-assign.git>

Include a short README explaining how to set up and run your app.

SetUp :

1. Download and installation of Flutter in **windows** by following steps :
 - Goto : <https://docs.flutter.dev/get-started/install/windows> and download the .zip
 - Extract into a folder
 - Set path in environment variables like : D:flutter_path
 - Goto command prompt and give the following commands :
 - o where flutter dart // shows where the flutter path
 - o flutter doctor // check everything is OK or not
 - o flutter doctor --android-licenses
2. After successful installation, create flutter project by using the following command in command prompt :
flutter create app_name
3. In command prompt, move to the newly created app folder.
4. Now, open the **pubspec.yaml** (inside the new folder created) using any editor and add the required dependencies :

dependencies:

```
flutter:  
  sdk: flutter
```

```
# The following adds the Cupertino Icons font to your application.  
# Use with the CupertinoIcons class for iOS style icons.
```

```
cupertino_icons: ^1.0.2  
parse_server_sdk: any
```

5. In the command prompt, run the following command to get the dependencies into the project :
flutter pub get
6. After the dependencies, add the code to your **main.dart** file (this is the entry point); present inside the lib folder.
7. After done adding the code, goto command prompt and run the following command to check the output :

flutter devices // gives all the possible ways to check output like browsers, mobile if connected with developer options enabled

```
D:\flutter_windows_3.13.8-stable\appDev\cpa_assign>flutter devices  
4 connected devices:  
  
Redmi 6 Pro (mobile) • 10a4dc840305 • android-arm64 • Android 9 (API 28)  
Windows (desktop)   • windows     • windows-x64   • Microsoft Windows [Version 10.0.22621.2428]  
Chrome (web)        • chrome      • web-javascript • Google Chrome 118.0.5993.118  
Edge (web)          • edge        • web-javascript • Microsoft Edge 118.0.2088.76
```

8. Run the application to check the output using the following command :
flutter run // when you type this and enter, you are provided with the list of options asking to choose the device to run.. I chose edge browser once, and mobile once.. when

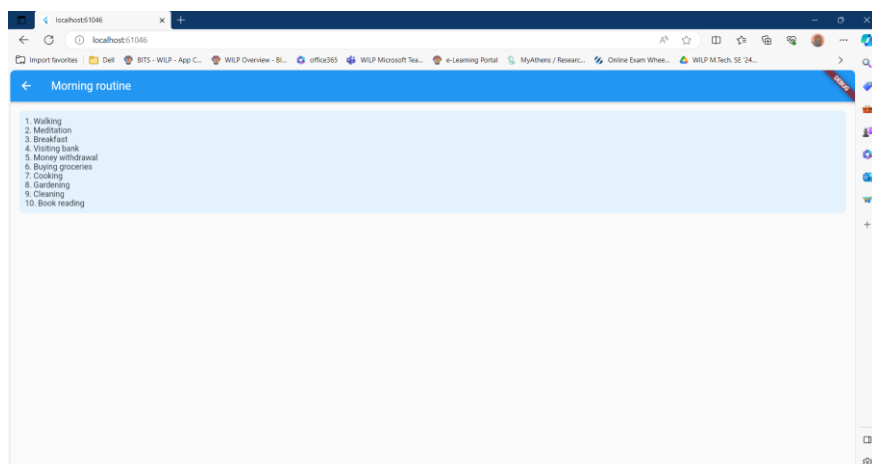
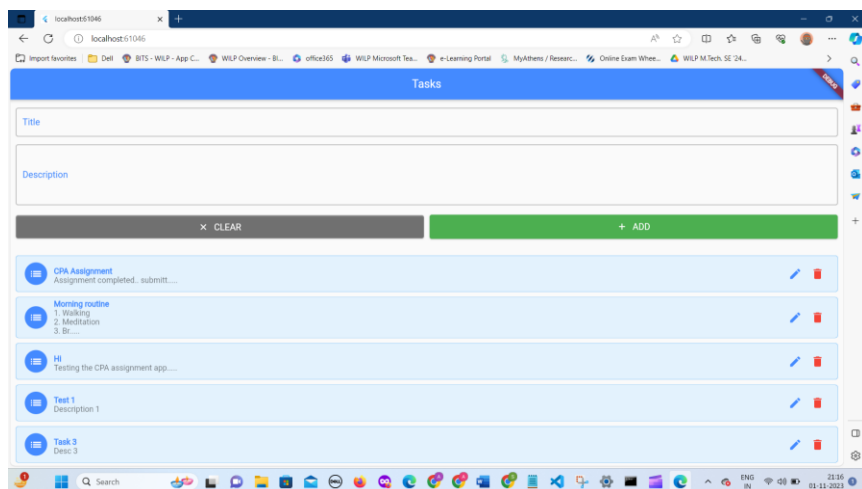
List of Tasks :

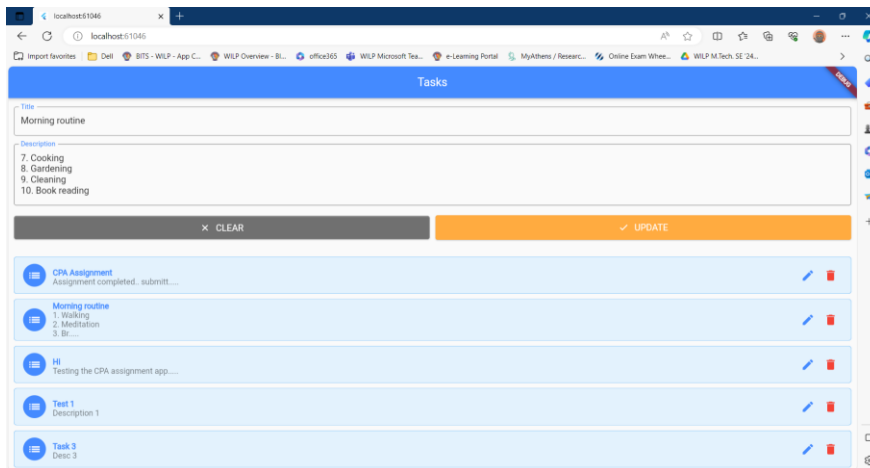
Detailed View :

Deleting a task :

Edit & Updating Task :

11. Check the browser opened automatically showing the output.

[illegible]



Brief overview of bonus features implemented:

- Added Clear button to clear the data
- Added validation before submitting the empty data.
- Added multiline for description
- Added icons for the Add and Clear buttons
- Added CSS for the task list items and details of the task
- Showed limited text for the description in the task list items when exceeded more than 30 chars and displayed whole text in details
- Dynamic text change on button from Add to Update and Update to Add, according to the mode of operation along with background colour.
- Made containers scrollable if the height is exceeding.