Week 05 Exercise

Menu, Routes and Navigation & Device Features

Instructions

For your exercise, you are going to create a Flutter app with Dart. The goals of this exercise are:
1. Add drawer and navigate to different routes
2. Request user permission to get access and interact with a device resource

The features of your app are given below. Make sure to adhere to the exercise guidelines. This exercise is for 10 points.

You can modify the contacts_main.dart and add the required functionality that's specified below. Use the flutter_contacts package documentation to see how to implement the required functionality.

App Specifications

Your app must have a drawer in all of your pages. Your drawer header must be named Menu and must contain the following drawer items:
1. Profile
   This serves as the initial route of your app. When tapped must redirect to the Profile page you created in your exercise 2.
2. GWA Calculator
   When tapped must redirect to the GWA Calculator page you created in your exercise 3
3. Contacts
   When tapped must redirect to the Contacts page where user can add new entries to the contacts list. A simple Textfield for the name and a button will suffice.

You are free to style your app according to your preferences.

Bonus: 1 point bonus will be given for a good user interface and user experience. Using the default Material App design is not counted for this bonus.