

Mobile Application Development

Quiz # 2 – Flutter's basic widgets

(October 7, 2025)

Question # 1: Create a Flutter app named **ProfileApp** that demonstrates the use of basic Flutter widgets and layouts. Your app should include the following:

1. Use a **Scaffold** with an **AppBar** titled *"Profile Screen"*.
2. Wrap the content inside a **SafeArea**.
3. Use a **Column** widget that contains:
 - A **profile picture** (use `Image.asset()` or an `Icon`).
 - A **RichText** widget showing the user's name in bold and email in a smaller font.
 - A **Row** inside the column showing two buttons (`ElevatedButton` and `TextButton`).
4. Add a **Container** with a background color and padding to display a short description.
5. Include a **TextField** to edit the username and show a validation message if it's empty.
6. Display the current **screen orientation** (Portrait or Landscape) at the bottom using `MediaQuery`.

Outcome: Students should demonstrate understanding of Flutter's basic widgets, layout nesting (Column + Row), buttons, image usage, text handling, and orientation detection.

😊😊😊 **Best of Luck** 😊😊😊