

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:
 - o A `profile picture` (use `Image.asset()` or an `Icon`).
 - o A `RichText` widget showing the user's name in bold and email in a smaller font.
 - o 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** ☺ ☺ ☺