

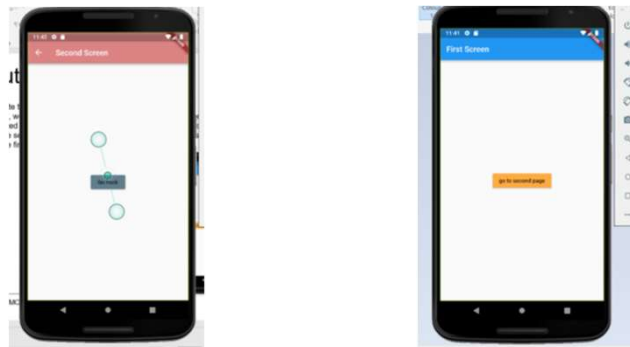
Flutter Navigation and Routing

- Navigation and routing are some of the core concepts of all mobile applications, which allow the user to move between different pages.
- We know that every mobile application contains several screens for displaying different types of information.
 - For example, an app can have a screen that contains various products. When the user taps on that product, immediately it will display detailed information about that product.
- In Flutter, the screens and pages are known as routes, and these routes are just a widget.

Flutter Navigation and Routing

Create two routes

Here, we are going to create two routes for navigation. In both routes, we have created only a single button. When we tap the button on the first page, it will navigate to the second page. Again, when we tap the button on the second page, it will return to the first page.



Flutter Navigation and Routing

- Navigate to the second route using `Navigator.push()` method
- The `Navigator.push()` method is used to navigate/switch to a new route/page/screen.
- The `push()` method adds a page/route on the stack and then manage it by using the `Navigator`. Again we use `MaterialPageRoute` class that allows transition between the routes using a platform-specific animation.

Flutter Navigation and Routing

- Return to the first route using `Navigator.pop()` method
- Now, we need to use `Navigator.pop()` method to close the second route and return to the first route. The `pop()` method allows us to remove the current route from the stack, which is managed by the `Navigator`.

Flutter Navigation and Routing

Pages in the navigation stack

