

Summary and Highlights: Working with Flutter

Congratulations! You have completed this module. At this point in the course, you know:

- Flutter allows you to build apps for both Android and iOS from a single codebase, streamlining development and reducing costs.
- Flutter offers robust solutions for managing dynamic data and keeping apps responsive and efficient.
- Stateless widgets are immutable and constant, while Stateful widgets can manage and update their state over time.
- Flutter offers a wide variety of widgets, including basic, layout, input, button, and list widgets, each serving specific functions to build a responsive UI.
- User interaction is enabled using the TextField widget, which is the basic widget for creating text input.
- Forms are made with multiple TextField widgets combined within a Form widget, and gesture detectors handle interactions such as swipes, taps, and long presses.
- Stack navigation in Flutter allows transitions by stacking pages or screens.
- Tab navigations in Flutter enable users to switch between sections, and drawer navigation slides out from the side of the screen.
- Create named routes for a centralized and structured navigation approach, and create direct routes by passing Material Page Route or Cupertino Page Route directly to the navigator.
- Perform basic navigation by using the navigator class and transfer data between screens to enable real-time app interactions.
- In Flutter, all app components are widgets, forming the core elements of the app.
- Flutter offers styling through built-in and custom themes and direct widget customization.

Mark as completed

