

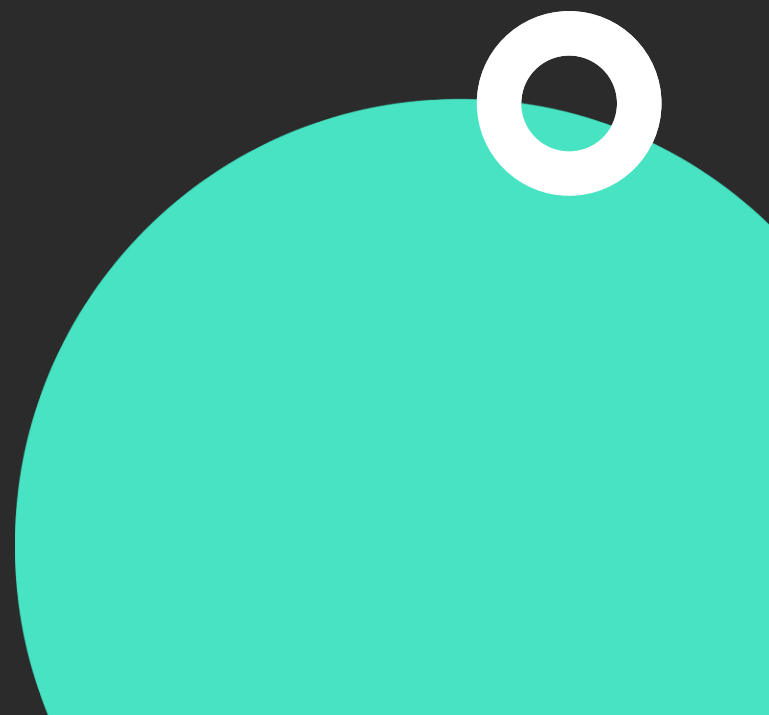


Adding Interactivity in Your Flutter App



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Course Overview

- Using `Stateful` Widgets and `State`
- Using `TextField` and `TextEditingController` Widgets
- Using `DropDownButton` Widgets
- Polishing the App



Prerequisites

- Flutter beginners
- Any programming experience
- Developing machine installed and configured
- Recommended Course: [Dart Programming Fundamentals](#)



Section Overview

- Building the Speed Calculator App
- Course overview
- What is State?
- Stateless and Stateful widgets



State

State objects contain information that can change during the lifetime of a Widget.

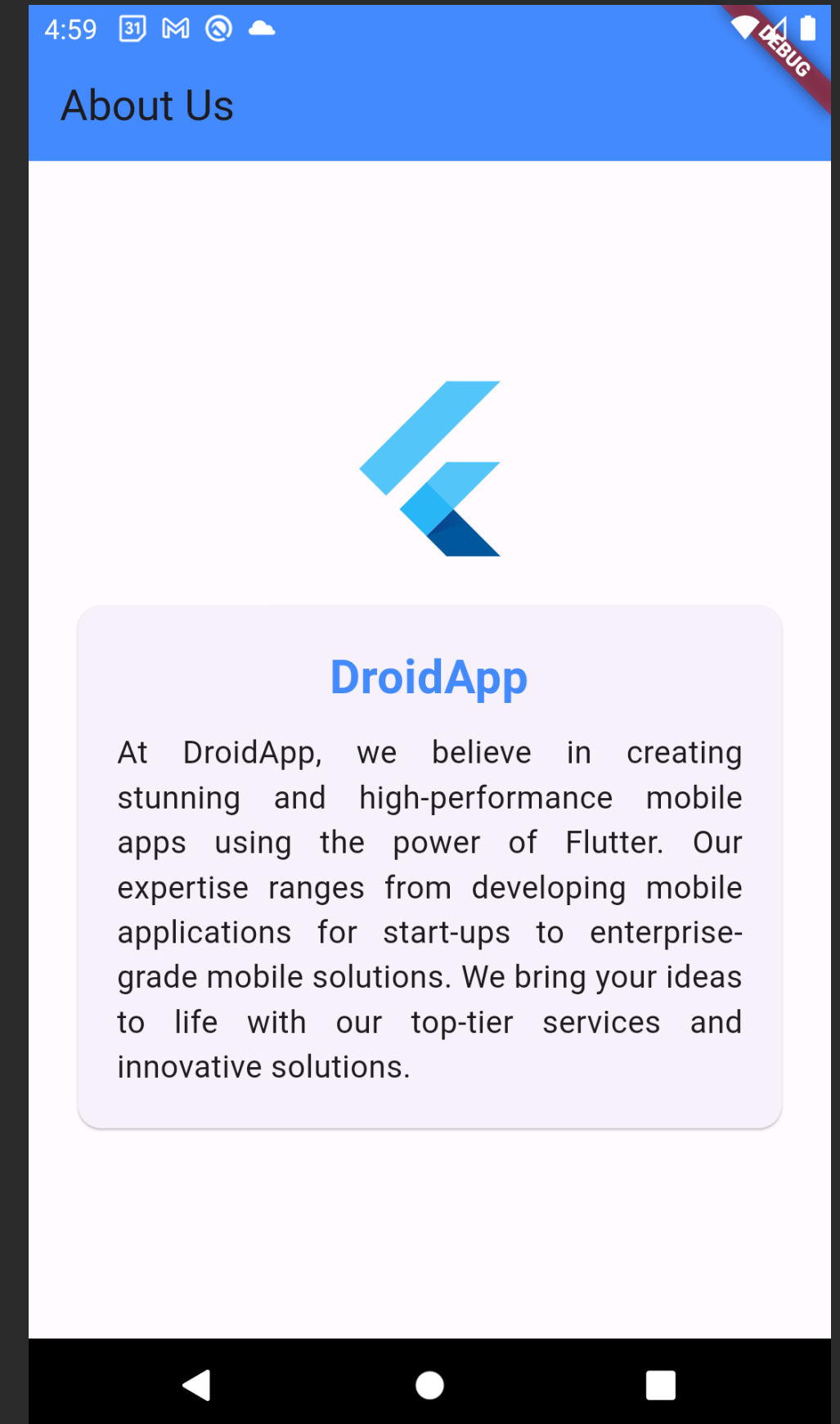


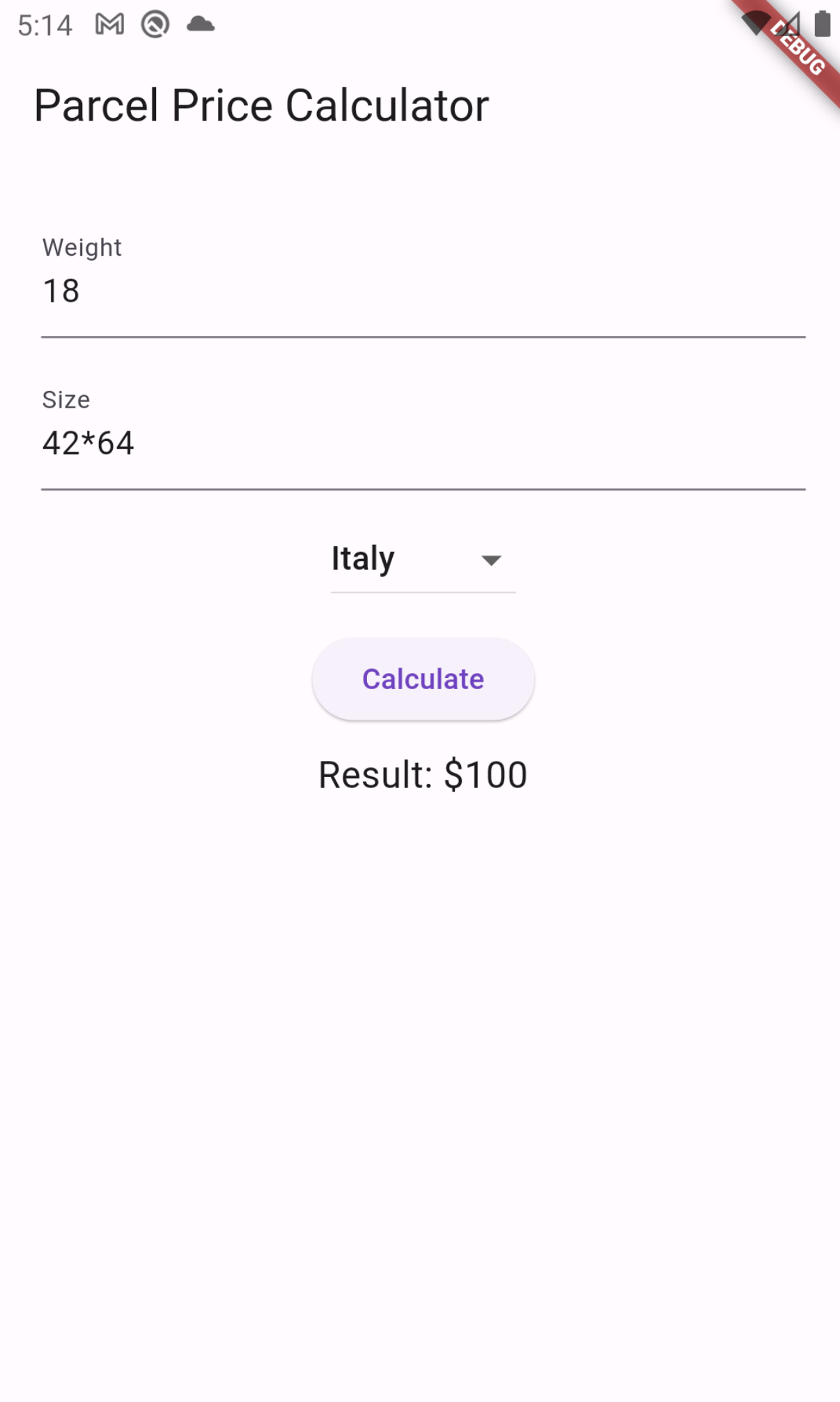
Stateless Widgets



Flutter rocks!

 Update





Stateful Widgets

Stateless or Stateful?

Stateless Widget

- Immutable
- No State
- Life cycle:
 - `build()`

Stateful Widget

- Immutable
- Has State
- Life cycle:
 - `build()`
 - `initState()`
 - `dispose()`
 - ...





Building the UI

Up Next

