Jaipur Engineers
Your One-Stop IT & Staffing Ecosystem

MOBILE DEVELOPMENT

Flutter

SAMPLE PROJECT

Habit Tracker for Mobile



COURSE FEE

Fee on enquiry

JAIPUR, RAJASTHAN

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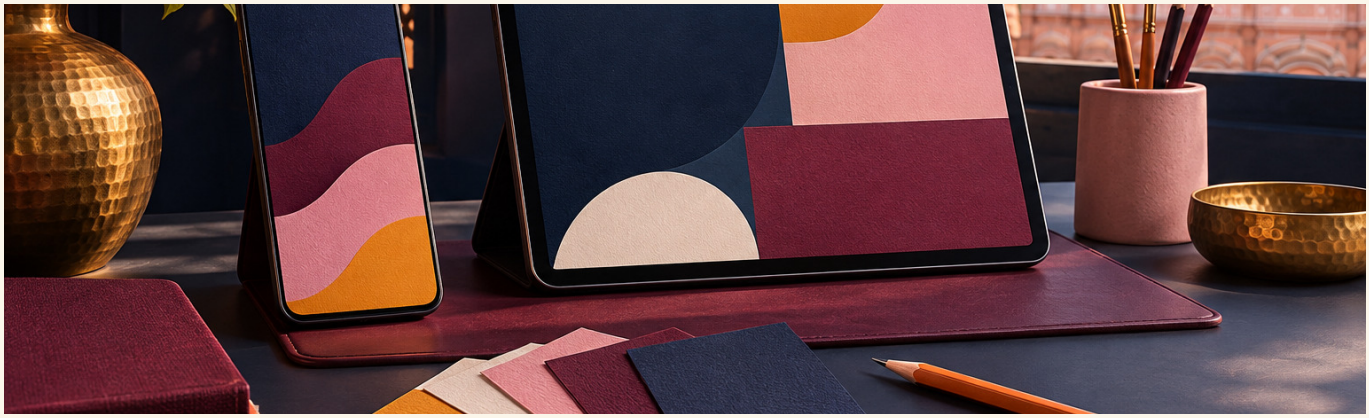
Flutter

Core concepts



01

Dart syntax, null safety and async code

02

Flutter widgets, layout and themes

03

Navigation, forms, state and validation

Map the screens

Outline the main interaction and the empty or offline state.

Flutter

Applied skills

- Screens
- Device test
- App state



04 REST integration, JSON and local storage

05 Widget tests, accessibility and performance basics

06 Android and iOS builds and release process

PROJECT DELIVERABLES

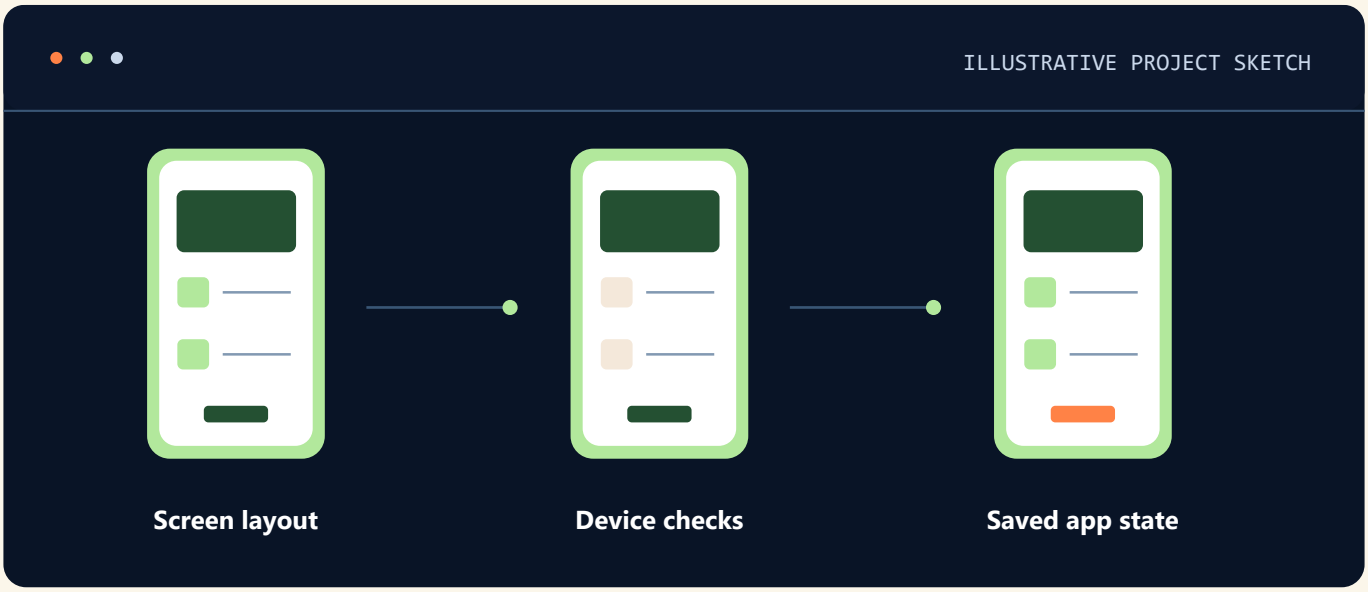
An installable demo or simulator run, screen states and device-testing notes.

Flutter

Portfolio project

Habit Tracker for Mobile

Build a cross-platform tracker with reusable widgets, local persistence and testable state.



Map the screens

Outline the main interaction and the empty or offline state.

Test on a device

Check navigation, layout and data persistence across a restart.

An installable demo or simulator run, screen states and device-testing notes.

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Course fees

COURSE FEE

Fee on enquiry

Ask admissions for the course fee, available batches and enrolment details.

ADMISSIONS

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SCAN FOR MAP

Check course details

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Course content

MODULES 01–02

01

Lessons & practice

- Dart syntax
- Null safety
- Async code

HANDS-ON

Write Dart functions and handle nullable input and asynchronous failures.

02

Lessons & practice

- Flutter widgets
- Layout
- Themes

HANDS-ON

Build reusable widgets with responsive constraints and a shared theme.

Flutter

Course content

MODULES 03–04

03

Lessons & practice

- Navigation
- Forms
- State
- Validation

HANDS-ON Navigate between tracker screens and validate a form before saving state.

04

Lessons & practice

- REST integration
- JSON
- Local storage

HANDS-ON Parse sample JSON and keep records available after restart.

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Course content

MODULES 05–06

05

Lessons & practice

- Widget tests
- Accessibility
- Performance basics

HANDS-ON

Write a focused widget test and check text scaling and layout performance.

06

Lessons & practice

- Android
- IOS builds
- Release process

HANDS-ON

Prepare release builds and document configuration needed on Android and iOS.