Jaipur Engineers
Your One-Stop IT & Staffing Ecosystem

SOFTWARE TESTING

API Testing

SAMPLE PROJECT

Booking API Contract Tests



COURSE FEE

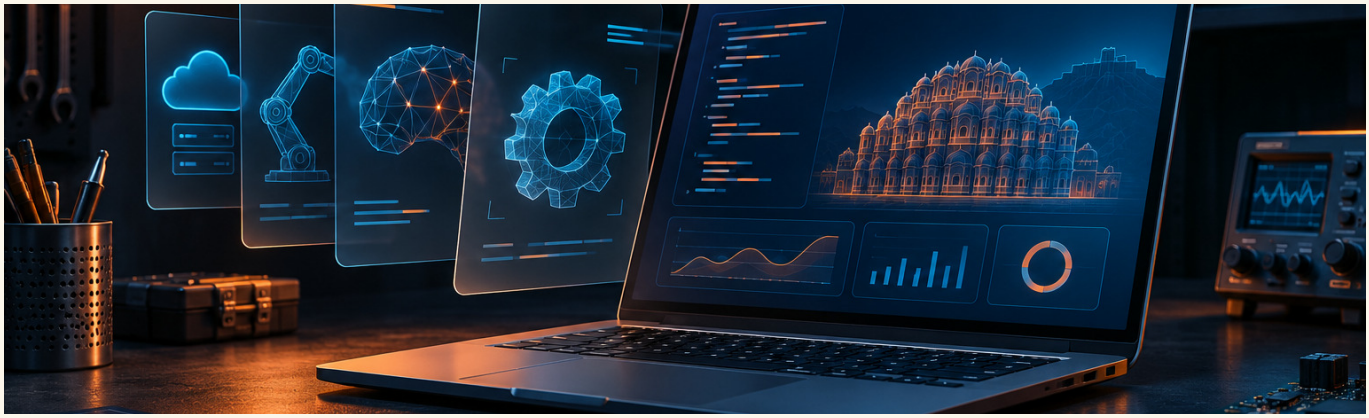
Fee on enquiry

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API Testing

Core concepts



01

HTTP, REST resources and JSON payloads

02

Methods, headers and response status codes

03

Test environments, data and authentication flows

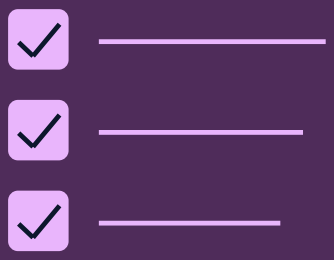
Select the risks

Choose a critical user flow and list representative test conditions.

API Testing

Applied skills

- **Test cases**
- **Test run**
- **Evidence**



04 Schema assertions, boundaries and error cases

05 Postman collections and automated API checks

06 CI reporting and contract regression

PROJECT DELIVERABLES

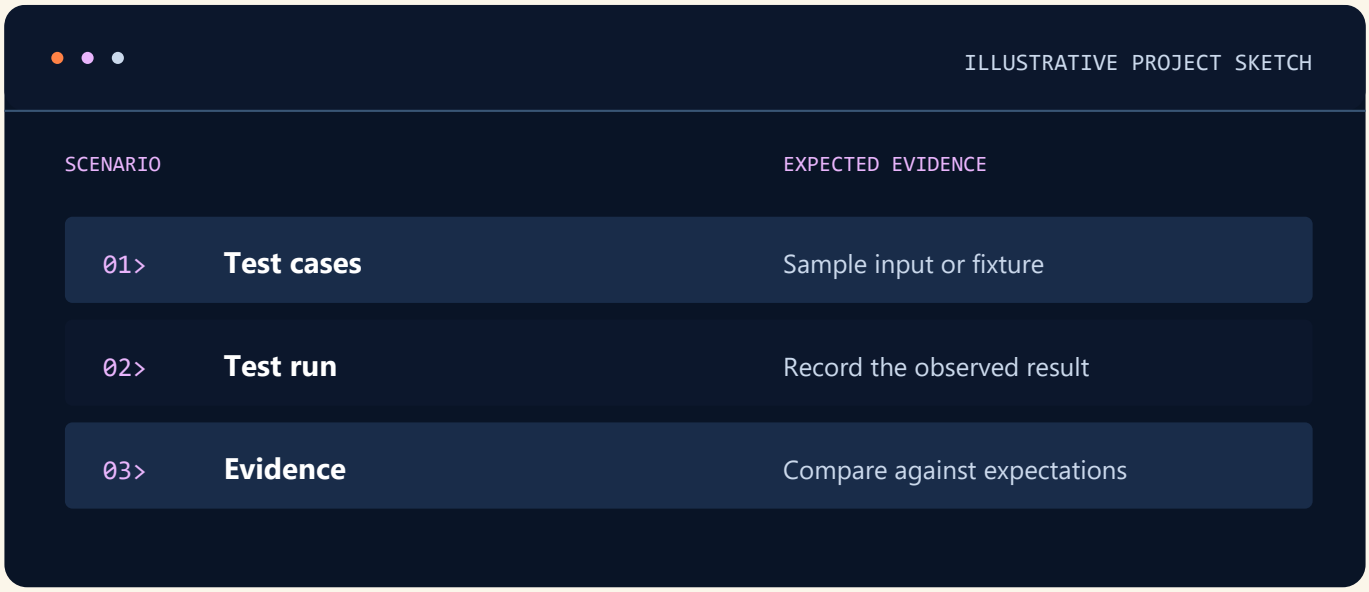
A test plan, evidence from representative scenarios and a summary of open issues.

API Testing

Portfolio project

Booking API Contract Tests

Check request validation, response schemas, status codes and errors with repeatable API tests.



Select the risks

Choose a critical user flow and list representative test conditions.

Collect evidence

Capture expected and observed results and summarise any release risks.

A test plan, evidence from representative scenarios and a summary of open issues.

API Testing

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

API Testing

Course content

MODULES 01–02

01

Lessons & practice

- HTTP
- REST resources
- JSON payloads

HANDS-ON

Model sample requests and responses and check content types and JSON structure.

02

Lessons & practice

- Methods
- Headers
- Response status codes

HANDS-ON

Test the same endpoint with supported methods and assert the expected status codes.

API Testing

Course content

MODULES 03–04

03

Lessons & practice

- Test environments
- Data
- Authentication flows

HANDS-ON Use a practice environment and verify one authorised and one denied request.

04

Lessons & practice

- Schema assertions
- Boundaries
- Error cases

HANDS-ON Check schema fields, empty lists, validation errors and a recognised boundary.

API Testing

Course content

MODULES 05–06

05

Lessons & practice

- Postman collections
- Automated API checks

HANDS-ON Run a repeatable set of API checks using a Postman collection.

06

Lessons & practice

- CI reporting
- Contract regression

HANDS-ON Collect contract regression evidence in a CI run.