

QA

INTERMEDIATE

5 DAYS

Mobile Testing Concepts

Build a strong foundation in mobile testing by understanding platforms, devices, and testing techniques. Learn how to design effective mobile test strategies, apply automation frameworks, validate usability and user experience, and ensure app store compliance for high quality mobile applications.

Why Mobile Testing?

Ensuring Quality User Experience

By understanding mobile testing concepts, your business can ensure that your mobile apps function correctly, perform well, and provide a positive user experience across different devices and platforms.

Adapting to Device Fragmentation

Mobile testing concepts help you validate your apps across different devices, ensuring compatibility and consistent performance.

Supporting Multiple Platforms

Understanding mobile testing concepts allows you to ensure that your apps work smoothly on different platforms, reaching a wider audience and maximising your market reach.

What you'll be able to do

- ✓ Gain a solid understanding of the fundamentals of mobile testing
- ✓ Get familiarised with mobile platforms and devices
- ✓ Gain knowledge of mobile testing types and techniques
- ✓ Gain practical experience in using mobile test automation frameworks
- ✓ Master usability and user experience testing
- ✓ Gain knowledge of the app store guidelines and compliance
- ✓ Develop a mobile test planning and strategy approach

Who this is for

- Quality Assurance (QA) Professionals
- Software Testers
- Mobile App Developers
- User Experience (UX) Designers
- Technology Enthusiasts

Curriculum

01 Mobile Testing Foundations

- Apply mobile testing foundations using mobile testing in practical test workflows
- Build and run hands-on exercises with realistic scenarios
- Validate results, logs, and failure signals
- Capture reusable patterns for team frameworks

02 Platforms and Devices

- Apply platforms and devices using mobile testing in practical test workflows
- Build and run hands-on exercises with realistic scenarios
- Validate results, logs, and failure signals
- Capture reusable patterns for team frameworks

03 Testing Types

- Apply testing types using mobile testing in practical test workflows
- Build and run hands-on exercises with realistic scenarios
- Validate results, logs, and failure signals
- Capture reusable patterns for team frameworks

04 Test Automation Overview

- Apply test automation overview using mobile testing in practical test workflows
- Build and run hands-on exercises with realistic scenarios
- Validate results, logs, and failure signals
- Capture reusable patterns for team frameworks

05 Usability and UX Testing

- Apply usability and ux testing using mobile testing in practical test workflows
- Build and run hands-on exercises with realistic scenarios
- Validate results, logs, and failure signals
- Capture reusable patterns for team frameworks

06 Planning and Strategy

- Apply planning and strategy using mobile testing in practical test workflows
- Build and run hands-on exercises with realistic scenarios
- Validate results, logs, and failure signals
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07 Reporting and Defects

- Apply reporting and defects using mobile testing in practical test workflows
- Build and run hands-on exercises with realistic scenarios
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08 Performance and Network

- Apply performance and network using mobile testing in practical test workflows
- Build and run hands-on exercises with realistic scenarios
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09 Security and Accessibility

- Apply security and accessibility using mobile testing in practical test workflows
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10 Localization and Analytics

- Apply localization and analytics using mobile testing in practical test workflows
- Build and run hands-on exercises with realistic scenarios
- Validate results, logs, and failure signals
- Capture reusable patterns for team frameworks

11 Cloud Devices and Cross-Platform

- Apply cloud devices and cross-platform using mobile testing in practical test workflows
- Build and run hands-on exercises with realistic scenarios
- Validate results, logs, and failure signals
- Capture reusable patterns for team frameworks