GAQM®

Global Association for Quality Management

IMTQN Certified Mobile Application Tester (CMAT) [®]

Course Outline & Module Information

www.gaqm.org

What Modules are covered?

What is Mobile Application Testing?

Benefits of Mobile Application Testing

The Mobile Boom

The Mobile Boom: Facts and Figures

Types of Mobile Application Testing

1) Functional Testing

2) Laboratory Testing

3) Memory Leakage Testing

4) Interrupt Testing

5) Usability testing

6) Installation testing

7) Certification Testing

8) Load testing

9) Interface Testing

Mobile Testing Challenges for Native Applications

Why It's Tough: The Soaring Expectations of Users

Why Failing Hurts

Key Questions

Common Functional Issues for Mobile

From The Experts: Functional Testing Tips

Functional Issues to Consider in the Dev Phase

Mobile Testing Challenges for Web Applications

Devices: The Biggest Mobile Testing Challenge

Network: A Regional Challenge

Network Bypass

Real Networks

Scripting: The Repeatability Challenge

Recommendations

Common Mobile Security Issues

1) Confidentiality

2) Integrity

3) Authentication

4) Authorization

5) Availability

6) Non-Repudiation

Common Mobile Localization Issues

1) Why is Localization So Important?

2) Why is Localization So Difficult?

The Rise of Mobile Web

Mobile Web vs. Native Apps: Differences in Testing

The Future: Mobile Web Plus Native Apps

The Distant Future: Hybrid Apps

Test Sourcing Options: Lab + Wild

Emulators & Simulators

From Surviving to Thriving: Your Strategy Moving Forward

Performance

Points to remember while performing mobile application testing

The real challenges that Quality Analyst would be facing while testing Mobile Application

Introduction to Mobile Streaming

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