Mobile Testing Best Practices

Mobile Best Practices

- Test Management
- Test Design
- Test Execution
- Transparency
- Agile QA
- High level Diagrams (Architecture)
- Devices
- Requirements – Stories - Tasks
- Release Strategy
- How do you know you are ready to release to live env…?
- Beta Testing – to select group

Mobile client – entire scope

- Testing UI Layer, functionality
- Testing business features
- Managing different versions in 3 environment, 4 partner carrier, platforms
- Integrated with Web Portal – content, device records
- 3rd party integrations, HelpShift, mParticle
- Marketing Tools pushes in app notifications – App Boy; specific release type (prod)

Test Strategy

- Release Criteria to Production – define this
- In Sprint testing
  - Exploratory Testing
  - Regression Testing
  - Backend Testing – Server side deploys
  - API Testing
- Coupled with Release Strategy
- Pre-Launch Testing
- Submission process (iOS)

Test Strategy

- Device
  - Caching Strategy
  - UI/UX
  - Data
  - Network (Wifi, Cellular, transition states)
  - Error Messages

- API testing (tool) – Runscope, Postman

- Integration Testing – On Partner's network

- Testing Tasks and Effort – make visible by tracking in Jira

- Scope
- Value
- Risk
- Leadership
- Aligning QA to business goals
- Quality in process

Jira N Confluence

- In Confluence, create In-Sprint Report
  - List of New Features
  - List of Bug Fixes
  - Backend changes
  - Carrier-Specific changes that are customer-facing
  - Known issues and workarounds

- Create it after Sprint is completed from devs
- Have Customer Support Lead access it – to get a 'head up' about potential issues that customer may report