## Day - 1

- **Agenda of the training: DevOps Concept and Process**
  - Continuous Integration and Delivery Process
  - The unique challenges of enterprise mobile app delivery
  - Why you should consider implementing DevOps in your mobile life-cycle
  - The challenges with applying DevOps to mobile
  - How to implement DevOps in the mobile life-cycle and be successful with it
  - Why starting with people and culture is critical
  - Creating a living, breathing plan that you can constantly update based on market changes and user feedback
  - Being smart and efficient about how you build your apps
  - Taking into account all of the integrations that mobile apps have and planning ahead for easy scalability
  - Treating testing as an enabler of DevOps and not a bottleneck
  - Continuously iterating to keep up the quality of the apps, and keep users engaged

- **Agenda of the training: Tools and Technologies**

  **Deconstructing 'Mobile DevOps'. Mobile Product Development Life-Cycle & Used tools**

  **Best Practices for DevOps in Mobile App Testing**

  - Continuous Code Analysis
  - Continuous Build & Integration
  - Continuous Unit Testing
  - Continuous Archive and Build Version
  - Continuous Deploy
  - Continuous Testing
  - Continuous Coverage
  - Continuous Release, Delivery and Certification
  - Continuous Deployment
  - Continuous Monitoring

## Day - 2

- **Tools Sets to Implement DevOps in Mobile App Development**
    - Cloud Platform (AWS) AWS OR Docker with Kubernets
    - Incident Mgmt JIRA
    - Source Code Management Git or TFS
    - Build Management Maven or Gradle
    - Packaging APK (Android) and IPA (IOS)
    - Repository Management Sonatype Nexus
    - Deployment Chef Or Puppet
    - Continuous Integration Jenkins or TFS
    - Continuous Testing Depends on the Programming Languages
    - Code Coverage Jacoco or NCover
    - Static Code Analysis with SonarQube
    - Incident Tracking with JIRA