

Mobile Computing with Android

Duration: 80 hrs

Prerequisite:

- Client-Server Programming using Java
- SQL

Take Aways:

- Develop a basic UI application using Android
- Create a location-based application using GPS, Web service Connectivity

Course Contents:

- Mobile computing
- Android Basics
- Basic UI Building
- Adv. UI Creation
- Intent
- Service
- Content Provider
- Permissions
- Notifications
- Broadcast Receiver
- Playing a song
- Multi-Touch features
- Location based services with GPS
- Bluetooth Connectivity
- Wi-Fi Connectivity
- Creating a Google Maps application
- Taking a photograph