**Mobile Application Development using Android**

**Self Study (Habeel Khan and Saad Ahmed)**

**15th August to 30th of September**

**-Course Contents**

* Logistics, Development Environment, Activities
* Activities, Intents
* Lists, Action Bars, Saving Instance Data
* Databases and Content Providers
* Fragments, Date & Time Pickers
* Graphics
* NFC, Notifications
* Sensors, Maps
* Services, Files, Preferences
* Widgets & Broadcast Receivers, Property Animation, Navigation
* RESTful Web Services, Google Cloud Messaging
* HTML Applications, AndEngine, Barcode/QRCode reading
* Publishing Applications, Speech
* Wifi, Further Resources

Course Methodology:

1. Labs (2 Weeks)
2. Assignments (2 Weeks)

Week 1) Android Labs

Week 2) Android Labs

Week 3) Android Assignments

Week 4) Final Project