

Session No.	Date	Resources	Topics Covered
1	14-Aug Sat	Demonstration	<p><u>Morning (10:00 – 13:00):</u></p> <ul style="list-style-type: none"> • Installing Android Studio • The Android SDK Manager • Create a New Android Studio Project. <ul style="list-style-type: none"> ◦ Minimum & Target SDK. • AVD Manager Create a Virtual Device. • Android Project Structure <ul style="list-style-type: none"> ◦ java ◦ Resources ◦ AndroidManifest.xml ◦ Intent • Android Software Stack and Gradle APK. <p><u>Afternoon (14:00-17:00):</u></p> <ul style="list-style-type: none"> • Basic hello world application • XML Layout Basics • Densities • Activity & Lifecycle <p>Exercise</p>
2	17-Aug Wed	Demonstration	<ul style="list-style-type: none"> • Accessing views from within Java • Buttons and Listeners • Adding a Visual and Nested Layouts <p>Exercise</p>
3	21-Aug Sat	Demonstration	<p><u>Morning (10:00 – 13:00):</u></p> <ul style="list-style-type: none"> • Involving the Keyboard • Creating a ListView <ul style="list-style-type: none"> ◦ Adapter ◦ context • Manipulate ListView selections • The action bar <p>Exercise</p> <p><u>Afternoon (14:00-17:00):</u></p> <ul style="list-style-type: none"> • Sharing <ul style="list-style-type: none"> ◦ Intents (Explicit & implicit) • Fragments • Storage <ul style="list-style-type: none"> ◦ Shared preferences ◦ SQLite ◦ ORM <p>Exercise</p>
4	24-Aug Wed	Demonstration	<p>Networking Considerations</p> <ul style="list-style-type: none"> • Threads & Async Tasks • Creating listRows with custom adapter

			<ul style="list-style-type: none"> ○ View holder Exercise
5	28-Aug Sat	Demonstration	Morning (10:00 – 13:00): <ul style="list-style-type: none"> • NET WebAPI Connectivity Json serialization & deserialization Exercise Afternoon (14:00-17:00): Exercise