**Report for 3iTABS IT Services Company App**

1. **Instructions to use the program**

The purpose of the app is to compute the cost of IT services for clients, delivered by 3iTABS professionals.

1. The App opens with a 3iTABS Splash screen
2. List view opens with a list of services
3. In addition to the services list view also has links to full website and contact details
4. Selecting any of the services will lead to the respective activity class
5. Once the user enters the number of hours and choose the option from radio buttons, calculate button will lead to the cost activity class, with result output.
6. **Technologies used**

Java, Eclipse and Android SDK

1. **Meeting the minimum requirements of 6 options**
2. Used shared preferences to move data between activities. The result from the CostActivity class were obtained from the HardwareActivity class and SoftwareActivity class. The number of hours and the final cost were the two parameters whose result were obtained in the CostActivity class (Requirement 1)
3. Used a Toast message to alert the user to select one of the radio button options

(Requirement 4)

1. Displayed a list of items using ListView (Requirement 5)
2. Used Radio button, TextView, and WebView (Requirement 6)
3. Used relative and linear layouts(contactdetails.xml) (Requirement 7)
4. Did Calculations in Hardware and Software activities to display the result in CostActivity (Requirement 8)
5. Displayed the Splash screen in the beginning(Requirement 9)

Met 7 requirements out of 10

1. **Emulator used for testing**

Nexus One emulator with JellyBean Version of Android was used for testing purposes.

1. **Lessons learned**
2. Design and develop android applications
3. Learned to work with different layouts in android
4. Learned how to do calculations in android
5. Learned to pass data between different screens
6. Learned to implement splash screens
7. Learned to embed audio and video files in apps
8. Learned shared preferences and sqlite for persistent data storage
9. Learned to develop animated apps
10. Learned to work with Listviews and Master/Detail flow
11. **Project Purpose**

I am planning to use the project in my personal portfolio for interview purposes, to demonstrate my understanding and implementation in android mobile application development.