MT2521 Research Methodology HT15

Milestone 1

Project proposal

Names:	*SAI BHARGAVA RAVI TEJA VEDANTAM*
PIN (Swedish even temporary)	*940126-5617*
Title:	*Server monitoring Android application*
Problem statement	*It's a hectic task for an administrator to monitor a remote server. He has to either go to the server datacenter or login via ssh remotely in order to know the status of the server, Hence there is a need to develop a mobile application to monitor the server at their fingertips.*
Research question(s):	*What is the procedure to develop a mobile application for remote server monitoring?*
Hypothesis:	*1. An application can be developed for knowing the real-time status of remote server.* *2. Sending notification to the admin whenever a server goes offline.* *3. Capability to set the polling frequency at convenient time intervals.*
Main contributions:	*-About 85 percent of the global shipment of smart phones run Android operating system hence implementing this application on android platform serves majority of the users.* *-Verifying for the required functionality to be served by the application* *-Validating the developed application and release of final version*
Keywords:	*Remote server, mobile application, android platform.*
References:	[1] "Android Developers." [Online]. Available: http://developer.android.com/index.html. [Accessed: 13-Sep-2015]. [2] Wei-Meng Lee., *Android Application Development Cookbook: 93 Recipes for Building Winning Apps [Elektronisk resurs]*. Wiley, 2012. [3] M. U. bin Aftab and Wajahat Karim, *Learning Android Intents*. Birmingham, GBR: Packt Publishing Ltd, 2014. [4] G. Nudelman, *Android Design Patterns: Interaction Design Solutions for Developers [Elektronisk resurs]*. Indianapolis, In.: Wiley, 2013.