Requirements

Android Based Situational Awareness: Moving Map

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Contents

Changes (based off Git commits)

Date	Description
September 13, 2012	Document started
September 13, 2012	Wrote Requirements
September 20, 2012	Created outline
September 24, 2012	Updated Requirements as per Gate 5 visit with Raytheon
October 4, 2012	Separate document created

1 Introduction

2 Requirements

2.1 Functional

ID	Requirement
FR0	Ability to pan the map by a dragging gesture
FR1	Ability to zoom using double tap, pinch gestures, or using an on-screen button
FR2	Display map tiles that are either stored on the device or provided by a local server
FR3	Display other relevant information stored in a layer
FR4	Georeference the location of the device
FR5	Center on current location by pressing a button
FR6	Choose map type by selecting from a list
FR7	Choose the layers shown by selecting from a list
FR8	Change default settings via a settings menu found in the menu bar
FR9	Display a compass
FR10	Toggle heading/north up by clicking the compass
FR11	Access a help menu via the menu bar
FR12	Add custom points of interest

2.2 Non-functional

ID	Requirement
NR0	Run on Android platforms running at least version 3.0 (Honeycomb)
NR1	Ability to receive GPS data from a local server or the device
NR2	Display properly on either mobile phones or tablets
NR3	Modular code