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ISD 582

Assignment 6

Map-Reader

**Purpose:** The purpose of this mobile application will be to education all ages on the effective and correct way to read a map, understand directions better, and follow mobile GPS units. An underlying reason for development of the app is to teach people how they should not be totally dependent on their car’s GPS unit. Map-Reader will teach users how to properly orientate themselves on a map to better understand direction; it will also teach user how to uses familiar roads to understand North, South, East, and West directions.

**Population to Serve:** This app will able to serve ALL users of mobile smart phones. This app can be used at the leisure of the users. I would like to see this incorporated in some way at the middle school level, but the target population is still any curious user.

**Research:** As far as mapping apps for mobile phones are concerned, what I can gather is that they are geared towards giving directions to a known location. An app like this would probably be the first of its kind. Of course there are learning apps for concerning some type of directional learning, but nothing of the magnitude of Map-Reader.

**Estimated Completion Time:** An app like this would have to be extensively Beta Tested. Given the amount of things this app will be capable of, I would have to put the time table at 18-27 months, with the hope that at month eighteen, Beta Testing can start.

**Resources:** One of the most important components in any type of mapping application is a reliable base map. There are platforms available such as Google, Bing, Yahoo, etc., but not all of them are accurate. In order to map this happen effectively, at least a 7 member team is need, access to updated aerial photography, powerful mapping software, and access to a web server.