Rebecca Vessal, Nate Buchar

Professor Jefferson

Mobile Game and Web App Seminar

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RIT Campus Map Concept Document

1. Name of our project: RIT Campus Map

2. Product definition statement: Our mobile app will show you where you are currently in RIT campus and point out the place you want to go to. The user just needs to type in the building name or number to be given its location and obtain more information about the building. Our application is meant for students, prospective students and their families, faculty, or staff who may have trouble navigating the RIT campus.

3. Web service: RIT interactive campus. URL: maps.rit.edu

4. iPad tablet and iPhone app

5. Target platform: iOS

6. Since the map and location is the most important part of the experience, it will take up the majority of the screen space. The only interface element will be the chrome search bar, containing a search box, that will remain at the top of the iPad in any orientation. On the map itself, there will be a location popover with the name and location of the building that was searched, along with a button to obtain more information. When the user asks for more information by tapping the arrow icon, the location popover box will expand and dynamically show more information about the building.

7. Yes, the app will support both orientations.

8. Using the search box, the user can search for a specific building or scroll through the map using a swipe motion and tap on a building to find more information about it.

9. We intend to implement the search integration with the RIT campus map potentially using Google campus street view API and location services application to track where the user currently is.

10. First week, we will focus on getting the design and rough prototype of the mobile app done. Then in the second week, we will work with the location databases and use Google’s API for showing where the user’s current location is. For the third week, we will implement Google street view API.

