CS Masters' Thesis Defense

Title:	*Mobile Real Estate Agent for Android*
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Date:	Monday, October 31, 2011
Time:	2:00 p.m.
Location:	GMCS 405
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Abstract:

When it comes to real estate, people think of big money, investments, selling and buying a property and most of all "Searching" a property. With the increasing prosperity and standards of living across the globe, people have started hunting for properties, which meet their needs and suit their pockets. In last two to three years, we have seen humongous sale of smartphone devices. Almost one third of those are supported by Android OS. Now, everyone wants to work while on the move. Nobody wants to sit in front of a PC all the time and work. Rather, they want to work while they are on the move. Especially, while one is on a goose hunt for a nice property, one wants to always have something that can help them find properties.

No doubt smart phones provide us ability to connect to the web while on the move. But, then there comes a pain, searching for a suitable website and then property in there. Apart from that, even if you find a property there, you have to navigate to another website to get directions etc. You will have to note down the real estate agent's contact number to reach him. How about all these features integrated into an android application. The "Real Estate Agent Application for Android Phone" provides the user with this integrated solution.

This application is a one-stop destination for everything you want to know about a property. One can search a property based on MLS number, one has the option to search a property based on its location. User can also go for detailed search option where he/she can feed in his desired number of bedrooms, area etc. and get a list of matching properties. User can have all the details about the property. One can also search properties under a specific Real Estate Agent using Agent Directory. Apart from all these features, user has been provided the ability to get the directions to that property. Mortgage Calculator is another one of the interesting features that comes embedded into this application. This application has been developed in Android application development environment, which is Java based and using Google APIs.