



Southern Sweethearts

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Project Overview



Windows Mobile app that gives vocal directions within buildings.

Clients

App intended for those with vision impairment, those who are blind, or those who simply get lost easily.



Clients



App could also be used for university students finding classes on campus.

“Digital Eyes”



Scan doors, entrances, and permanent fixtures to hear room numbers and other information about the building.

Microsoft Tag Technology



- ◆ Tags are attached to strategic spots in the building.
- ◆ Users scan tags with the phone's camera, which triggers audio.

Vocal Recognition

- ◆ Users speak into phone's microphone indicating room numbers or certain types of rooms they might want to visit.
- ◆ App gives audio directions to specified location.



Future

Making app portable for
any building in any
location.



Imagine Cup

- ◆ Theme: Imagine a world where technology helps solve the toughest problems.
- ◆ Competitions: Software Design and Windows Mobile 7



Important Dates

02/11/11 Project Website due	Email Dr. Gray link
02/15/11 Software Design Round 1	Project plan due
02/18/11 Project Concept & Specifications due	
02/21/2011 – Presentations round 1	
02/23/2011	
03/04/11 Project Design Due	
03/07/11 Windows Phone 7 Round 1	Application synopsis
03/14/11 Software Design Round 2	Working prototype and video due
03/23/2011 – Software Design Voting Period	US Finals sometime in April
04/09/2011	
03/28/2011 – Windows Phone 7 Round 2	Video due
04/27/2011	
04/22/11 Project Video due	
07/08/2011 – Windows Phone 7 Round 3	Worldwide Finals
07/13/2011	

Questions or Comments?

