

IPRO 305 Mid-Term Report

MYWAY: A PERVASIVE COMPUTER APPLICATION
Spring 2006

Revised Objectives.....	3
Results to Date	4
Revised Tasks	5
Updated Assignments	6
Barriers and Obstacles	7

Revised Objectives

The objectives now are:

User Experience Goals:

1. Investigate with the SD team how feasible it is to use Text-to-Speech converters, with an emphasis on if the user will feel OK with it as opposed to a real human.
2. Discover and obtain the content necessary for a Chicago tour.
3. Work with sponsor and SD team to refine the GUI if needed (Colors, text, size, etc).
4. Determine quality of text-to-speech
5. Create sample Chicago tour.

Hardware Interface Goals:

1. Investigate and purchase a new solution that is able to serve the needs of the SD and UX teams for under **\$1500**.
2. Working with our sponsor to discover and implement a new mounting solution.
3. Investigate why the Bluetooth headset didn't work and procuring a new device if necessary.

Software Development Goals:

1. Investigate and implement a Text-to-Speech application with the UX team.
2. Investigate and implement a new mapping engine that will work for Chicago (either custom built or third party).
3. Build an application to allow the UX team to import data easily.

Results to Date

The results to date are:

1. Integrated MapPoint with myWay.
2. Researched new tablet for \$1500.
3. Created sample Chicago tour.
4. Researched text-to-speech and determined its not good enough to integrate with myWay yet.
5. Got Bluetooth headset working.
6. Built prototype myWay Tour Designer.

Revised Tasks

The only tasks remaining are:

1. Full develop and test myWay Tour Designer application.
2. Develop and refine IPRO deliverables including:
 - a. Website
 - b. Posters
 - c. Booth layout
 - d. Abstract/Brochure
 - e. Final Report
 - f. Power Point
3. Develop and further refine new mounting solutions.

Updated Assignments

Only Jeevan, Taylor, Douglas and Vincent have changed assignments. These four, with the input of the rest of the team have been assigned to IPRO Day graphics and presentation including:

1. Website
2. Posters
3. Booth layout
4. Abstract/Brochure
5. Final Report
6. Power Point

Barriers and Obstacles

The only remaining obstacles are:

1. Time
2. Money to purchase materials for IPRO Day, the Java to ActiveX Bridge and t-shirts for IPRO day.