



I PRO305

MYWAY

applying context awareness & user-centered design





history

- Spring 05, Hawktour completed
- Fall 05, myWay created as 2 semester project
- Fall 05, myWay deployed at IIT
- Spring 06, myWay everywhere!

problem



- Make myWay deployable in any location, Chicago as test site
- Segway riders looking for more entertainment
- Tourists who want a unique tour experience

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solution

A grid of eight category icons is shown, each in a rounded square button. The categories are: ARCHITECTURE (skyscrapers), HISTORY (hourglass), ATTRACTIONS (camera), SHOPPING (shopping cart), DINING (fork and knife), ENTERTAINMENT (movie tickets), FAMILY FUN (family silhouette), and EDUCATIONAL (open book). Below the grid are four control buttons: 'Select All', 'Deselect All', 'Save', and 'Don't Save'. A mouse cursor is hovering over the 'HISTORY' icon.

ARCHITECTURE

HISTORY

ATTRACTIONS

SHOPPING

DINING

ENTERTAINMENT

FAMILY FUN

EDUCATIONAL

Select All

Deselect All

Save

Don't Save



sponsor involvement

- Consultations throughout semester with Segway of Chicago
- Demo myWay capabilities downtown
- Feedback and ideas for future projects from sponsors

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team division

- User Experience
- Hardware Integration
- Software Development

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user experience (UX)

- Investigated utility of application, using Chicago as example
- Text-to-speech conversion vs. human voice
- Content structure revision



hardware

integration (HI)

- New mounting system
- New tablet
- Cost reduction
- Security and tracking of Segway and tablet

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software

development (SD)

- Mapping engine
- Text-to-speech engine
- Improve maintainability of software
- Method for deployment anywhere

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future



- Fall 06, myWay as an EnPro
- Experience gained valuable in business model
- gWay: Guided tour with wi-fi enabled PDAs

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thank you!



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