ICS 105: Project in HCI
April 5, 2005

Outline

- Introduction to GPS
- Some Location-Based Systems
- Administrivia
- Assignment 1
- Teams

What is GPS?

- Satellite-based navigation system made up of a network of 24 satellites
- GPS receivers read signals from the satellites
- Use triangulation to calculate the user’s location

Some Location-Based Systems

- ActiveCampus
- PacManhattan
- GPS Drawing
- Location-Aware ToDo Lists

ActiveCampus

ActiveCampus - What’s around
The class web page is up: [http://www.ics.uci.edu/~jpd/classes/ics105s05/](http://www.ics.uci.edu/~jpd/classes/ics105s05/)

- Discussion sections as needed
- The ICS 104 prerequisite will be strictly enforced!
- Adding/Dropping
  - Contact either Professor Dourish or me ASAP if you are even thinking of dropping the class
<table>
<thead>
<tr>
<th>Assignment 1</th>
<th>Teams</th>
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<tbody>
<tr>
<td>• Due in class next Tuesday, April 12</td>
<td>• 4-5 people per team</td>
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<tr>
<td>• Start thinking about the project!</td>
<td>• At least one person per team needs to have a laptop with WLAN</td>
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<td>• Generate 4 application ideas</td>
<td>• Each team gets one GPS device</td>
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<td>• Half a page (11 pt) on each idea</td>
<td>• You ARE responsible for the GPS devices</td>
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<tr>
<td>– What the application will be</td>
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<td>– Who would use it</td>
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<td>– How they would use it</td>
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<td>– When they would use it</td>
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