Wireless Position Locator

CSE 237a
Fall 2006
Procedure

- Setup wireless cards
- Obtain signal strength
- Obtain return-time data
- Analyze data
- Simple ASCII display
Analyzing the Data

- Took 5 samples over 5 seconds
- Used signal strength as base for analysis
- Used average and minimum return time to adjust
Graphing (Finding Position)
Graphing (Finding Position)
Graphing (Finding Position)
Results, etc.

- Wireless cards differences
  - Orinoco, Hermes, Aironet
- Error
- Optimization