CS 378: Autonomous Intelligent Robotics (FRI)

Dr. Todd Hester
Are there any questions?
Logistics

- Spring Break
- Robot Videos
  - [http://farnsworth.csres.utexas.edu/videos/](http://farnsworth.csres.utexas.edu/videos/)
- Overlapping Projects
- Progress Reports Due Next Thursday
- My Travel
Today

- Group discussions
- Readings
Groups

● 2-3 groups with related topics
● Tell the other groups about your project:
  ○ What is your goal?
  ○ What is your plan?
  ○ What results do you plan to show?
● Critique the other groups' plans:
  ○ Are these the right steps?
  ○ Where might there be issues?
● Discuss any common messages
  ○ Tasks, locations, etc.
● Each group will tell the class what one of the other groups they met with is doing
Groupings

- UI Related Groups
  - Touchscreens - Matt
  - UI - James, Karl, Katie
  - Avatar - Bastion, K, Thomas
- Localization
  - Wifi Localization - Robert, Josh
  - Wifi Localization - Moises, Chester, Eric
  - Mapping - Emily, Kim
- Obstacles
  - Navigation - Eysa, Daniel, Victor
  - Tracking - Jackson, Jordan
  - Avoidance - Oliver, Paige, Morgan
- Person Detection
  - Recognition - Mukund, Chris, Ethan
  - Gestures - Cindy, Ji Won, Andrew
- etc
  - Task allocation - Greg, Zo?
  - Brain-control - Loyce, Andrew, John
  - Personality - Ryan, Andy, Tony
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Tell the Class

- What is this group doing?
- What is their plan?
Readings

- Tell us about what paper you read
- What did they do?
- How did they test it?
- How does it relate to our project?