IPRO340: Design of a Green Community Health Center of the Future

Midterm Presentation
October 9, 2008
Overview of IPRO340

- Access Community Healthcare provides medical services for Chicago’s uninsured and underinsured population
- Access facilities are in need of renovation to sustain high quality healthcare for their ever-growing clientele
Goals and Objectives

- Propose a 5 to 10 year renovation plan for Access facilities to:
  - Implement practical cutting-edge medical technology
  - Improve efficiency in spatial relations
  - Develop the use of LEAN principles
  - Enhance patient experience
Division of Tasks

State of the Art

- Booker

Reorganization & Implementation

- Brandon

- Hawthorne
Project Progression

- Research Presentations
- Preliminary Site Visits
  - Booker, Brandon, Hawthorne
- Reorganization of Teams
  - Analysis of individual facilities
  - Proposals of desired outcomes
Obstacles and Resolutions

- Coordination of tasks amongst group members
  - Assign specific tasks to individuals
  - Set deadlines
- Generating an ambitious albeit practical project plan
  - Studying previous IPRO340 works
  - Proposing pragmatic solutions
- Difficulty scheduling site visits
  - More persistence in contacting managers
- Lack of individual transportation within the group
  - Purchase of iGo membership for IPRO340
Anticipated Challenges

- **Design**
  - Problem solving spatial needs of ACCESS facilities
  - Creating innovative spatial orientations
  - Amendments made using feedback from ACCESS

- **LEAN Principles**
  - Proposing plans tailored to each facility
  - Heating and cooling, ventilation, natural sunlight etc.

- **State of the Art Technology**
  - New medical technologies that benefit patients

- **Cost Analysis**
  - Determining cost of desired outcomes
  - Propose practical and cost-effective solutions
Questions?