WEEK 3

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June 12, 2008
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CRA-W DMP Summer 2008
Plans for the week

- LIT Review: Serious Video Game Effectiveness
- Finish Technical Report-Finished
- Finish final mini assignment-Incomplete
- Game Review
- Start on Dance Tool Project-Incomplete
LIT Review

- Serious Games have the potential of being a learning tool
  - 50-60% of all Americans play video games (2004)
  - Usual gamer is relatively young and virtually competent when it comes to computers
  - Serious games applies to various field

- Preliminary comparative studies

- Objective: Comprehensive research testing technique for serious games
LIT Review

- Effectiveness
  - Entertaining
  - Not Distracting

- Two factors
  - Learning effects of interactivity
  - Learning effects of interactivity and media richness
LIT Review

Study Design comparing 25 subjects per group (Metalloman)

<table>
<thead>
<tr>
<th></th>
<th>High media richness</th>
<th>Moderate media richness</th>
<th>Low media richness</th>
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</thead>
<tbody>
<tr>
<td>Interactive</td>
<td>Game (1)</td>
<td>Hypertext (2)</td>
<td></td>
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<tr>
<td>Non-interactive</td>
<td>Replay (3)</td>
<td></td>
<td>Text (4)</td>
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Testing:
- Multiple choice questions
- Written response questions

Result:
- Effects of media format on knowledge gained
  - Game, replay, hypertext, text
- Effects of media format on enjoyment
  - Game & hypertext, replay, text
Final Mini Assignment

My Role:

- Shapes (Sphere, Pyramid, Cube)-complete
- Texture-complete
- Number of Shapes
- Lighting-complete
- Camera Control
Game Review

- Designer: SquareSoft and Disney
- Genre: Action, RPG
- ESRB: E10
- Release Date: Sept. 17, 2002
- Platform: PlayStation 2
- Demographic: Ages 10+; game for everyone
Game Review

- Motivation and Game Play
  - Sora along with Donald and Goofy are searching for their friends, Riku, Kiari, and King Mickey
    - Search various worlds while battling a reoccurring enemy (heartless)
    - To get to a new level: fight
Game Review

Strong Points

- Graphics
- Fighting Style
- Story

Weak Points

- Difficulty Level
ANY QUESTIONS?

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