

Completed Tasks:

Researched various Kinect feature

Motion Tracking

Experimented with various gestures. Some gestures are more easily recognized than others by the core Kinect software. Additional more complex gestures may work, but with some additional programming required.

Video/ Picture Recording

The Kinect offers a raw video feed that could become useful in the future. While no testing was done, research and brainstorming into possible uses for this feature was a key component of this week.

Voice Recognition

Voice recognition is a feature unique to the Kinect. We experimented with command recognition to determine which sets of key words worked best. It showed that the voice recognition worked best when longer key words or phrases were used as the Kinect software had difficulty determining commands that were fewer than 3 syllables.

Researched Television Genres

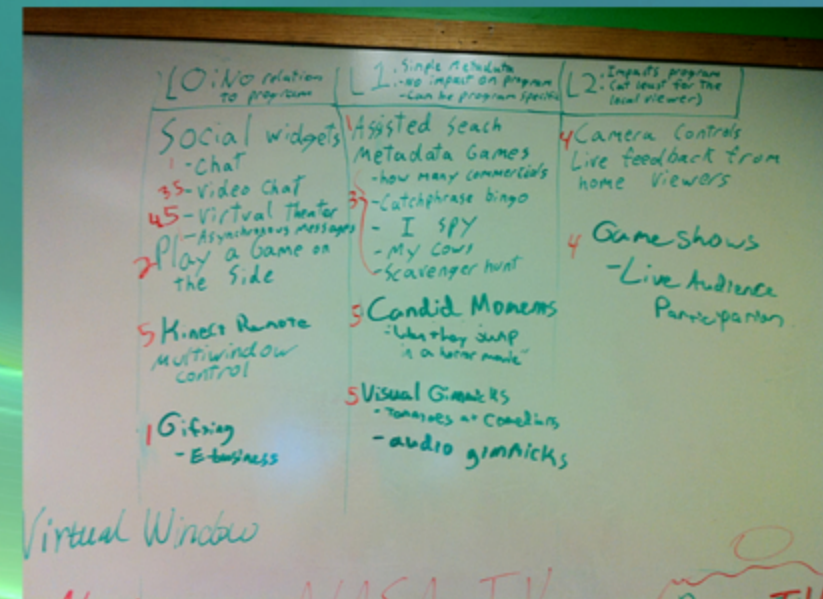
Throughout the week we analyzed various sets of television genres, including scripted dramas, live broadcasts, educational television programs, etc. We found that some options seemed more viable than others. Additional suggestions on behalf of the client gave us some guidance into what genres may be preferred for both short and long term success.

Researched past attempts to make TV interactive

Since our project is not the first to seek a way of making television more interactive, we researched past attempts. Some were more successful than others, we found that some projects were good ideas but poor execution caused them to fail. As a result we are more wary of how we will be following through with our final project decision. Learning from the mistakes of others, our project should be much more successful.

Brainstorming

Through team brainstorming sessions, as well as meetings with advisors and our client, we have come up with a large bank of initial concepts to draw from. The scope of our project was initially quite daunting, but has now been refined to more viable and achievable concepts. The project design has been narrowed down to include a more involved interaction with the television program as opposed to simply adding a layer to the broadcast..



Goals of Next Week

- More brainstorming narrow down possible projects
 - We have a more targeted selection of research goals. Our project will ideally function in a way that it is more complexly interwoven to the programs being broadcast, augmenting it in such a way as to enhance the end-users experience.
- More research into Kinect capabilities, Optimal Television genres
 - With the goals of what the project will be having been more refined, we will analyze the various genres of television broadcasting to find which genre is best matched with our program goals. Additionally the abilities and limitations of the Kinect interface must be taken into accounts to ensure our project has the greatest likelihood of success.
- Design Logo, half-sheets, banner, etc.
- Kick-start website



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