Senior Design

Meeting Notes

SoundScape

9/11/24

- Main priority is to work on assignment 3
- Each member needs to write their own essay an upload to the repository
- Austin created the repository and invited everyone

9/13/24

- Held project kickoff meeting with Professor Hawkins
- Should use opportunity to learn – maybe focus mainly on either the AI aspect or the mobile development aspect

9/18/24

- Worked on design diagrams as a team
- Joe is responsible for finishing the diagrams
- Austin will complete the diagram descriptions

9/25/24

- Worked on coming up with tasks for the project and assigning each task to a group member
- Each group member will be mainly responsible for their task but each member will help with nearly all tasks
- Need to finish task list and assignments and upload to repo

10/2/24

- Worked on coming up with the milestones, timeline, and effort matrix for the project
- The timeline may be subject to change slightly but it is important we stick to it as close as possible to avoid delays and ensure we can finish the project on time
- All group members will be partially responsible for finishing these items during the remainder of the week
- All documents need to be uploaded to the repository still

10/9/24

- Austin began work on the project constraints essay before the meeting. Derrick and Joe will finish the remainder of the essay later this week
- Discussed potential directions for the project to go in (either focusing on AI or mobile development)
- Research still needs to be done on the possibility of iOS development and how the AI model will function

10/16/24

- Austin created the design presentation slides and shared with the group
- All group members are responsible for completing specific slides
- Some preliminary research has been conducted, but the project is still very much in the beginning stages

10/23/24

- The presentation has been completed and it will be recorded this Saturday at 3 over Discord
- The main focus of the group this week has been completing the presentation and will continue with research later in the week

10/30/24

- The presentation was recorded and uploaded to the sheet
- All group members will be responsible for completing peer revies for other group presentations this week
- After some research, Austin has concluded that web development will be the preferred route over mobile development. Since all group members own Apple phones, it would not make sense to do Android development. However, a Mac is almost required for iOS development and it costs $100 a year to be a part of Apple's developer program, and since you can access web apps from a phone anyways, a web app will likely be the way to go

11/6/24

- Austin has reorganized the group repository and created a table of contents in preparation for submitting the final fall design report
- Some preliminary discussions about the code and framework took place
- We hope to begin coding for the project soon

<u>11/13/24</u>

- We have decided to use React or Svelte as the front-end framework for our project
- Austin is doing some research on how to implement AI into the project
- Coding will begin soon

<u>11/20/24</u>

- Some basic code has been put in place to get the project started on the front and back ends
- Basic Spotify API requests have been put in place to get started
- Next steps will be to work on the UI, get other APIs set up, and continuing to look into AI

<u>11/27/24</u>

- Discussed what needs to be done to prepare the repository for final report
- Austin already made updates to the repo, just need to look through and double-check all past work
- Worked on getting the code set up on all the group members' local environments and resolving some issues that resulted from that
- Each member will look through repo and make any necessary changes
- All members will work on code and further research when time allows this week