

EcoCost Meeting Minutes

March 11, 2021

Start: 8:00pm | End: 9:00pm

Attendance:

Christian Schmachtenberger, Hunter Johnson, Jackie Diep, James Rinehart, Joshua McGehee, Durlab Sherchan

Discussion:

- Introduction slide
 - Presented by Durlab
 - Not too much explanation required, mostly read as presented in the slide.
- Back-end Requirements
 - Was supposed to be presented by Jackie, but mic problems got in the way so James took over
 - Also not too much explanation required, mostly read as presented on the slide
- Front-end Requirements
 - Covered by Hunter, a little bit of explanation given but probably also not required as I covered more in depth later on
- Database
 - Covered by Christian, went more a little more in depth but only 4 bullet points and more to cover in design.
- State-Diagrams
 - Created and covered by James
 - Spoke about the intended flow of the user through the application
 - Good amount of explanation while walking through the diagrams
- Front-end Design
 - Covered by me while I was losing a fight with tonsillitis
 - I have done all of the front end work from style and color choices to basic pages and navigation
- Back-end Design
 - Covered by Jackie

- Explained how we planned to use the go packages to fulfill most of the requirements, and how it is likely that the reason Christian chose Golang because it would provide a lot of guidance in code.
 - Had a short back and forth about using APIs for stock information and how it has recently become less likely that we will do so because of issues with payments
- Database Design
 - Covered by Christian
 - Covered some of the same things in more depth from back-end, but focused on how we were going to use it
 - Went into much more detail than was on the slides
 - Tied it into the testing phase explanation
- Test Plan
 - Christian went over the plan with using a VM and modularity to hopefully isolate any problems that we run into during integration testing.
 - Long explanation but nothing set in stone
- Challenges
 - Covered by Durlab
 - Most of the problems were talked about as we went through the design slides, but there was a back and forth with advice given by Professor Elliott about focusing research and the pace we should be working at
- Questions
 - Not really discussed much here
 - Move right into ending statements about how we should go about the rest of the semester and to prioritize the things that we know can be done rather than the things we may not be able to complete.