

EcoCost Meeting Minutes
Date March 11, 2021

Meeting Start: 7:00 PM

Meeting End: 8:00 PM

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

Note: Had microphone problems for the first half of the meeting that I was trying to fix

Items Discussed and Decisions Made:

- **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 me, 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 Josh covers 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
 - Honestly pretty happy about how this turned out on his end, very well done, particularly the home page
 - Good amount of explanation while walking through the diagrams
- **Front-end Design**
 - Covered by Josh; we were worried because he was having problems with tonsillitis
 - As he did most of the front-end and made most of the plans for it, he was able to give a more in depth explanation of how we intended to fulfill the requirements and follow the plan of the state diagrams.
- **Back-end Design**
 - Finally fixed microphone so I was able to present this slide as planned
 - 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

- o Covered some of the same things in more depth from back-end, but focused on how we were going to use it
 - o Went into much more detail than was on the slides
 - o Tied it into the testing phase explanation
- **Test Plan**
 - o Christian went over the plan with using a VM and modularity to hopefully isolate any problems that we run into during integration testing.
 - o Long explanation but nothing set in stone
- **Challenges**
 - o Covered by Durlab
 - o 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**
 - o Not really discussed much here
 - o 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.

Note: For our purposes, each student is to post the meeting minutes to their personal repository.