

**EcoCost Meeting Minutes**  
**Date April 14, 2021**

**Meeting Start: 7:07 PM**

**Meeting End: 9:35 PM**

**Attendees:** Everyone

**Items Discussed:**

**Group 1: DevOp by OpFlow**

- James Setliff, Christopher Lebovits, Courtney Hill, Kacheef White, Charles Young
- Intro
  - Electron framework on any OS
  - Targeted at dev teams that want less of the requirements that come from other development tools meant for large groups
- Requirements
  - Package html / javascript
  - Focus on mass usability
  - Task tracking is bread and butter (A planner)
  - Visual task board and easy / good communications
  - Persistent settings + Search functionality cut
- Final Design
  - Thought real time transactions were a necessity
    - Used client-server interaction for it
- State diagrams then live demo
  - Problem with binding parent/child functions
    - \*\*\*Made us decide to cut out our screen caps and replace with live demo on the spot =)
  - Points to React as cause of most problems

**Group 2: \*\*\*FORGOT TO TAKE NOTES UNTIL HALF WAY THROUGH THIS ONE AHHH**

- **Quik-ventory**
- Like an inventory system that also implements a barcode scanner to help manage inventory anywhere but primarily in a household
- Do not remember enough about requirements and design at this time other than logging in and ease of use
- **Test plan**
  - Make simple calls to test connectivity
    - Multiple accounts
    - Create and interact with a few items
  - Test barcodes on android device
- **Incomplete Segments**
  - New language problems
  - Time problems
  - Certain things not connected properly to database

- Two videos shown about the functionalities of the app
  - Another video shown on an mac emulating an android program simulating an already scanned inventory, remembering login info, and total costs
- Github problems

### **Group 3: Virtual Zoo Guide**

- Gives a virtual tour of the zoo
- Basic high level requirements (Key ones)
  - Directions
  - Animals in region
  - Search bar for animals
  - Back buttons
    - Didn't complete the map zoom on listed animal select
- App demo was very concise and effective, pages loaded instantly and information was well sorted
- Testing
  - Opted for unit test with python script
    - Queries for each attribute of animals in the database and looks for NULL values
  - Manually tested web page and map
  - Search bar was also manually tested
- Problems
  - Map scaling took several days to figure out
  - Trouble deciding good programming languages, IDEs, and applications
  - Did not create a gitHub repository and had a lot of trouble merging files

### **Group 4: EcoCosts → Us(probably won't take many notes because doing presentation)**

- Takeaway = too many features = too little time
- Probably should have had demo after design section to avoid redundancy

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