

2/16/2021, 3:05 - 4:00 pm meeting. Prof Meeting, Zoom, Streamers.

General meeting with Pastel to review our Cognitive walkthrough presentation, project concerns

Action:

Discuss Project / Progress
Discuss Cognitive walkthrough
Receive feedback

Decisions:

Dan and Albert are the primary contacts.
Asking about the scientist, how are they communicating. Punctuality, scheduling
Pastel wants to know how involved doctor Mims is.
Pastel talks to Isaac about the heuristic analysis he did.
Team relationship with grad student. Going well.
Talk about team meetings, Structure, time, effectivity.
No agenda, but Sunday nights, effective for now but should get an agenda, Pastel about to let us go free, so we need to be more focused. WORK JAMS, Inclass scrum meetings?

Design and implementation concerns:

- Dry sections can not be riffle or pool? CLARIFY w/ scientist
- When the toggle from wet to dry is switched the data gets pinged, what about when pool riffle toggle??
- Can it be wet but not riffle or pool, 3 state toggle, Pool - Wet - Riffle
- Geo location, 2 API's, Get current location, Watch position < give handler and then whenever it thinks at a new position it pings. Pastel thinks we should use watch position
- Resolution, ignore? Scientist want high resolution but maybe it doesnt matter. What do we get with watch position
- Should be an offline app but we dont have the time to make it. Make the app online, then it will be moved offline. We assume cell service
- Get the user experience working. Then let the scientist test.
- No redux?
- Think about global variables and the organization of it. HTML, GV in other file that's sourced with each page.
- First goal to be to make a single track that can be downloaded to CSV.
- Then think about having the users store and download multiple tracks.
- Scientist CSV headers????
- Make an example CSV file to see if they like it. They know R so we need to go to that. Make it work with them.
- Editing data? Consider limit it to at the moment editing. Only edit while track is active?? Confirmation?
- Naming Streams? Have to have the stream names ahead of time, so drop down selector vs string input. Need to talk about their use/ backend. And what they actually do their work. Type Ahead widget? Looks ahead and changes the content based on what they are typing. JQuery has it.

- **MDN web docs, Guides for javascript.**
- Accounts / login. Roles.
- POI make it so they can only have a single photo.

Help content:

Important app aspect that need to be explained to the users

Toggles, Pause feature(have location pause but no help getting back)(two trails?

Trail 1 pause trail 2), Protocol for wet dry mapping, intended for a lab class so the instructor can help explain the protocol.

Scenarios

Dry to wet.

What exactly happens when they click start, what state are the button in(default states) toggle, radio buttons, maybe a confirmation button on start that lets them set the default,

Implementation:

Online web app, Grails or no framework?, jquery

1. Highest priority is wet dry mapping
2. Download a single track to csv
3. stream naming, instructors naming and instructor accounts and type ahead
4. add the poi to track
5. photo for poi
6. multiple tracks and downloads.

Attendance:

Present:

Jason, Mike, Luke, Zong, Emma, Isaac, Pastel

Next Step:

Prep for Scientist meeting this week

Begin updates on Cognitive walkthrough and paper prototype.