1/20/2021, 12:30 - 1:00 pm meeting. Scientist Interview, Zoom Meeting.

Action:

Interview Scientist to gain information about the project.

Decisions:

Decided to consider a reschedule for the following meeting due to time conflicts.

Attendance:
Present:

Team: Zong, Emma, Mike, Jason, Luke
Scientist: Dan Allen.

Absent:

Scientist: Albert Ruhi

Next Step:

Create a design brief with Team at next team meeting
Edit Notes.

Pre-Interview Questions - Luke Notes.

Tell us a little bit about your app
Could you walk us through a typical user's experience from beginning to end?

an app students can use in courses. Field based experiences. Map the wet and dry regions of the stream

Students go to sites (streams) and map the area. Start downstream and turn the app on. Put in initial settings and data (click Start) and walk up the stream

as they are walking the app should track the gps positions (ping 10+ meters)(potentially time based).

Toggle if stream w et or dry. If wet toggle the habitat. riffles(fastmoving) or pools (slow moving)

able to add POIs> points of interests. add in identifier in text and description (picture)
mark specific sites.

Data needs to be tracked, centralized and shared. So data can be seen by other classes at other colleges.

Who is mostly going to be using it?

Mostly an education tool over research. Mostly students but could be faculty.

Will there be an admin user separate from a normal user?

Not currently.

Does there need to be a login / account feature?

User names, date, times, location.

record of usage num of students but no need to login just maybe an enterable name for the user.

What kind of data is this app going to collect?
    gps, date, time, toggles for wet dry, pool, ripples.
How is that data structured?
    downloadable and filterable. pull the data they want from the database.
How will you want data to be indexed/identified?
    sorted by location time date class users......
Will the app need to accept pictures?
    might be nice, part of the point of interest feature just to enter a picture.
How will researchers view the stream map in the app?
    Geo physical map, maybe highlight the area or show gps markers.
    would be great! stretch goal. Assumption that the app user would have cell phone coverage.!!

What information do you want the app to show the user?
Would you like specific pages for certain functions?
    download sort filter, analyze.
Would you like a main display that organizes features?
    TBD, Two sites. looking and analyzing the data and then recording the data.
    potentially more specific information but at the time tbd (potential stretch goal)
    trying to keep it really simple

How should the app look?
Colours? Display type? Formatting? UI? Branding?
    project logo. they want to use it.

When and where is the app going to be used?
    in the lab / in nature.
Is it anticipated that users will have internet access while using the app?
    cell phone coverage.
What devices will the app be on? Mobile phones, tablets, etc?
Do you need this to work on a specific browser?
    Whatever the user uses so make it work for all stuff.
    data collections is phones tablets
    data download/ analyze on comp.

How long will this application be used?
    years down the line. Pastel Might continue the dev later.

Do you have any spreadsheets or documentation you can share with us about the app?
Do you have an example of how the data is formatted?

    .csv file

    Each line is the gps position with long data plus details.

Additional comments / thoughts / questions (for us) that weren't addressed in the interview

    not rn.

    go for a walk and imagine that you're using the app how would you like to use it.

    want a pause button to stop data collection. start end pause.

    ping over distance vs time. distance prefered but we will see what we can do.

    a self correction function.

    Would like an app for the phone.

Need to reschedule the second meeting.