EE/CprE/SE 492 Bi-WEEKLY REPORT 5
4/8/23 – 4/21/23
Group number: sdmay23-12
Project title: Unified Butterfly Recorder Reboot
Client &/Advisor: Nathan Brockman & Diane Rover
Team Members/Role:
Timothy Ellis - *Frontend*
Ryan McNally - *Backend*
Anthony Mazzie - *Backend*
Lucas Onwu-Chekwa - *Frontend*
Zach Wingert - *Frontend*
Jeremy Marchesani - *Frontend*
Grace Wigen - *Frontend*

o **Weekly Summary**

This past iteration was full of client feedback and quality-of-life improvements for the app. A big addition was the map functionality. We have been able to get diverse feedback on ways that we can meet the needs of our entire user base. We are trying to transition from the development work to the presentation and the end of the semester, and with that, we are trying to focus on communication and clarity with expectations and requirements.

o **Past week accomplishments**

Timothy Ellis:
- Created gitlab Issues from client feedback and app testing
- Sorted the butterfly species alphabetically, putting unknown on top
- Reviewed MRs
- Add and improved colors within the app
    - More contrast between subfamilies
    - Add colored pins to map
    - Add subfamily colors to sightings cards

Grace Wigen:
- Continued work on favorites system
- Reviewed MRs
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· Ryan McNally:
- Incidental Survey Type implemented

- Settings for default/preset wind speed
- Settings for default/preset cloud cover
- Review MRs

Anthony Mazzie
- Wrote steps for UBR Admins to be able to:
    - Upload changes to master butterfly list
    - Delete users from the AWS Cognito user pool
    - Reset users' passwords
    - Delete surveys
- Researched how to return surveys by user to UBR Admins in usable format (I.e. not in JavaScript as an Object)
- Assisted team members
- Communicated directly with UBR users in Michigan to troubleshoot login issues

Lucas Onwu-Chekwa
- Edit species of sightings
- App icons
- Export breadcrumbs
- Butterfly search feature
- Habitat labelling

Zach Wingert:
- Fixed map bug where it doesn't show the map
- Fixed map bug where the map was slow to load
- Reiewed MR

Jeremy Marchesani:
- Added checkbox for user to say if they took a picture of a butterfly
- Review MR

o **Pending issues**

o **Individual contributions**

NAME	Individual Contributions *(Quick list of contributions. This should be short.)*	Hours both weeks	HOURS cumulative

Timothy Ellis	MRs, sorting butterflies, colors, issues	7	48
Grace Wigen	Continued work on favorite system	10	24
Ryan McNally	Incidental Survey implemented, defaults for wind speed and cloud cover, review MRs.	5	42
Anthony Mazzie	Wrote steps for admins, communicated with UBR users, assisted team members, researched how to get survey by user in friendly format	10	25
Lucas Onwu-Chekwa	Persist top nav bar through refresh, Add real data to sightings and survey overviews pages, Pull surveys from database, complete survey flow	10	40
Zach Wingert	Fixed 2 map bugs and reviewed MR	6	47
Jeremy Marchesani	Checkbox, MR	5	43

o **Comments and extended discussion** *(Optional)*
   Nothing to discuss

o **Plans for the upcoming week**

   Timothy Ellis:
   - Work on presentation set for May 1st
   - Give our client a finished product spec sheet
   - Fix bugs

   Grace Wigen:
   - Finish favorite system
   - Work on final report

   Ryan McNally:

- Work final presentation
- Confirm final specs of the app with client
- Bug fixes

Anthony Mazzie:
- Testing
- Refactoring
- Team report + presentation
- Assist with bugs
- Work with client (Nathan) to wrap up any remaining requirements

Lucas Onwu-Chekwa:
- Work on presentation
- User testing
- Bug fixes
- Clean up csv document to make it look better when downloaded
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Zach Wingert:
- Identify more bugs and fix them

Jeremy Marchesani
- Bug fixes

o **Summary of weekly advisor meeting** (*If applicable/optional)*

We are approaching the end of the semester, and with that, we are trying to avoid scope creep. We have gained a lot of feedback about the app, including some of the more specific needs of our user base. We have just a few more features to implement until we are at a point where we can solely focus on bug fixes. April 24-May 1st we plan to focus on the presentation material.