

Butterfly Longevity Tracker

Weekly Report 3 (9/27/24 - 10/3/24)

Project Information

- Project Title: Global Butterfly Longevity Tracker
- Group Number: sdmay25-03
- Client: Nathan Brockman
- Advisor: Maruf Ahamed
- Team Members:
 - Alex Herting - Full-stack Engineer
 - Andrew Ahrenkiel - Full-stack Engineer
 - Charles Dougherty - Frontend Developer
 - Jaret Van Zee - Backend Engineer
 - Carter Awbrey - Visionary

Summary

After receiving some feedback from our client after our initial design proposal, our main objective was to move forward with the project. We have decided on technologies and can begin investigating the setup for these different services. One of the large parts of this week was to ensure we could export the Figma board to HTML to avoid remaking the design. We also worked on our lightning talk presentation for this week which was focused on product research. In class our team also completed the Empathy mapping assignment, which helped us learn more about our users and differentiate the different types of users we will have.

Accomplishments

- Alex

- Worked to complete the Empathy Mapping and Personas Assignment.
- Worked to complete the product research lightning assignment.
- Researched different methods to transfer our figma board into code.
- Started to give the team some samples of what the converted Figma board will look like in code.
- Worked with Andrew on troubleshooting and testing different exportation methods to account for sizing.

- Andrew

- Worked to complete a large part of the Empathy Mapping and Personas assignment.
- Worked to complete the week one lightning talk presentation related to product research.
- Collaborated with Alex to troubleshoot and test ways to export our given Figma design to an HTML template that works with resizing for different devices.

- Charles

- Assisted in completing the lightning talk presentation slides for product research
- Setup Gitlab milestones and issues according to our timeline
- Looked into converted Figma HTML

- Jaret

- Reviewed product research information and slides
- Continued research of potential products and implementations of back-end.
- Began helping to set up GitLab/Website

- Carter

- Working on our product research presentation, I worked primarily on the new ideas generated by research slide points.
- Started working on our project website and created Gitlab branches for the front end, back end, and project website.
- Initialized the project files for the backend, and set up the spring project.

Pending Issues

- Update our team website
 - Add Project Description
 - Add Team Information
- Continue transferring over all of the figma screens to code
- Meet with Maruf to keep him updated on progress, also establish a timeline with Maruf for project progress when technical work starts to be addressed.

Individual Contributions

<u>NAME</u>	<u>Individual Contributions</u> <i>(Quick list of contributions. This should be short.)</i>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Alex Herting	Researching, starting, and testing exporting figma board to code, empathy mapping board, and product research presentation.	7	16
Andrew Ahrenkiel	Product Research lightning talk one presentation Empathy mapping figma board HTML template export from Figma board	7	16
Charles Dougherty	GitLab issues, milestones, timeline, lightning talk product research presentation slides	4	13
Jaret Van Zee	GitLab board, website, Lightning Talk product research reviewing.	3	12
Carter Awbrey	Gitlab branch setup, spring project setup, and MongoDB hosting.	4	13

Future Plans

For the frontend, we will export our Figma board into code and then deploy it to a branch. We will have to make changes to the frontend code because the tools available are not powerful enough to correctly export the Figma board in the way they are intended to look. We hope to rework the code to match the desired look as closely as possible.

For the backend, we will begin structuring how we want the database to look and how and where data will be stored. A final decision will be made for the hosting platform and we will begin setting up the selected hosting platform.