Report 10

EE / CprE / SE 491 - sdmay25-06

Iowa Adventure Cyclists Course Creator

Week 4 Report

August 2024 - May 2025

Client & Faculty Advisor: Julie Rursch

Team Members

Kayley Clark - Technical Lead

Tanner Smith - Algorithm Architect

Nayma Garcia - UI/UX lead

Grant Pierce - Client Relation Manager

Nick Thoms - Testing

Eli Newland - Task Manager

Wan Elisa Wan Sarif - Component Design

Past Week Accomplishments

This week the team finished the Figma designed for the application, and began to code out the front end designs. Eli, Nayma, and Elisa worked on the frontend while Nick, Grant, and Kayley begin working on backend implementation. Tanner invested more time into the route generation and how to use the data we are given from the DOT to affectively create routes. The team has decided to split up into pairs, and each pair will have a front end designer and a back end implementer. These pairs are then going to work together over Thanksgiving break to implement main functionality of the app, in preparation for the upcoming presentation.

Pending Issues

Resolve Typescript bugs in code base into JavaScript

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Kayley Clark	Worked on typescript / javascript bugs with the backend code	6	50
Tanner Smith	Worked on database integration, and route generation.	6	52
Nayma Garcia	Finalized Figma Design, implemented clickable prototype	8	49
Grant Pierce	Finished security for login and sign up, integrated data onto server	6	50
Nick Thoms	Worked with Tanner on database integration, began backend implementation for the settings page	7	48
Eli Newland	Completed coding profile and social pages on Figma, started implementation on frontend app	7	51
Wan Elisa Wan Sarif	Finished Figma with Nayma, began coding the frontend for the settings page	8	44

Plans for Coming Week

Over the break, the plan is for each pair to take one or two screens from the Figma design, and bring them to life in the code. Eli and Tanner will specifically be working on the map portion, Grant and Elisa the login / sign up and settings portion, Nayma Kayley and Nick will work on various different screens that are left, as well as helping the other pairs.