**CS4900/CS4910 Senior Design Class Meeting Minutes**

Project Title:  **Interactive maps (Project 2)**

Project Members (with email):

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**Meeting Minutes 5:**

* 1. Date

**10th October 12th October**

* 1. Attendance

**4**

* 1. Who miss(es) the meeting?

**None**

* 1. General meeting info: start time; end time; meeting length in minutes, location etc

**Timings: 6:00 to 7:30 pm, 6:00 to 7:00 pm**

**Length: 4.5 hrs**

**Location: Through Teams call / In-person**

* 1. What has been discussed (what artifacts have been produced in the past week)

**Worked on flutter, added a base map using mapbox.**

**Added sample data to database.**

**Added the web page program to GitHub.**

**Worked on how to link MySQL and flutter.**

* 1. Next week Plan

**Add more features to flutter program.**

**Implement directional navigation.**

**Work on how to find stress levels of each road. Look into Kalamazoo Road dataset.**

**Look into all documents needed and create a plan.**

* 1. Name/location of the artifacts produced.

**Database Management.docx**

**Flutter program**

**GitHub link with webpage.**

**Meeting Minutes 4:**

1. Date

**October 3, 2023**

1. Attendance

**4**

1. Who miss(es) the meeting?

**None**

1. General meeting info: start time; end time; meeting length in minutes, location etc

**Timings: 6:00 to 7:30 pm**

**Length: 2 hrs**

**Location: Through Teams call / In-person**

1. What has been discussed (what artifacts have been produced in the past week)

Data was entered into the database created.

Looked into better quality data for Kalamazoo.

Discussed on using FLUTTER, Looked into videos

1. Next week Plan

**Decide whether flutter is a good option to go ahead with**

**Schedule a meeting with dustin.**

**Look into algorithm for implementation of stress levels**

1. Name/location of the artifacts produced.

Database shall be shown in class.

**Meeting Minutes 3:**

1. Date

**September 26, 2023, and September 29, 2023**

1. Attendance

**4**

1. Who miss(es) the meeting?

**None**

1. General meeting info: start time; end time; meeting length in minutes, location etc

**Timings: 6:00 to 7:00pm on September 26, 2023, and 6:00 to 7:00pm on September 29, 2023**

**Length: 2 hrs**

**Location: Through Teams call / In-person**

1. What has been discussed (what artifacts have been produced in the past week)

**Worked on the API to implement navigational turn by turn instructions. Worked on restricting the map to only particular areas. Added the GPS feature, Added start and end place search boxes. Worked on Entities and attributes for the database, created a sample data dictionary, relationships between each table. Used SQL to create tables.**

1. Next week Plan

**Going to email Dustin to get data. Working on creating relationships and adding data to SQL. Going to be working on making the UXUI better on GUI.**

1. Name/location of the artifacts produced.

**maps.zip, Database Management.doc**

**Meeting Minutes 2:**

1. Date

**September 15, 2023, September 19, 2023 t**

1. Attendance

**4**

1. Who miss(es) the meeting?

**None**

1. General meeting info: start time; end time; meeting length in minutes, location etc

**Timings: 10:15am to 11:30am on 15th September, 6:00 to 7pm on 19th September**

**Length: 2:15 hr**

**Location: Through Teams call / In-person**

1. What has been discussed (what artifacts have been produced in the past week)

**Had a meeting with Dustin to get clear details on street typologies. We also asked him to provide data on amenities.**

**We worked on the requirements and refined it.**

**Worked on API and restricted it to Kzoo and Portage. We also are looking into customizing the map.**

1. Next week Plan

**We are going to be looking into API till Tuesday. Will meet on Tuesday and start working on GUI and creating a base map using the API.**

1. Name/location of the artifacts produced.

**Requirements.doc**

**Meeting Minutes 1:**

1. Date

**Monday, September 4, 2023 , Friday, September 8, 2023**

**Tuesday, September 12, 2023**

1. Attendance

**4**

1. Who miss(es) the meeting?

**None**

1. General meeting info: start time; end time; meeting length in minutes, location etc

**Timings: 5:00pm to 6:00pm on Monday, 9:00 to 10:30am on Friday**

**6:00 to 6:45pm on Tuesday**

**Length: 3.25 hr**

**Location: Through Teams call / In-person**

1. What has been discussed (what artifacts have been produced in the past week)

**We discussed what needs to be changed in the documentation. ( We will need to go through the previous semester’s remarks.)**

**Clean and sort data given by Dustin.**

**Discuss relevant and needed tables.**

**Go through the free maps API and figure out how it works.**

**Worked on the Requirements**

**Created a program by connecting to API and filtering only to Kzoo and Portage area.**

**Created a flowchart to visualize the process.**

**Met with Dustin to clear all doubts and ensure all are on the same page.**

1. Next week Plan

**Work on feedback from professor on requirements.**

**Dive more into the API and start working on GUI.**

**Look into a way where we lay amenities onto the map that are focused on bikers.**

1. Name/location of the artifacts produced.

**CS4910Process.doc**