

Team 32

Project Title: Vehicle Routing Problem

Date: 10/3/2021

## Members:

Nolan Slimp – Scrum Master

Joshua Heroldt Client interaction lead

Indrajeet Aditya Roy

Bernard Fay – Meeting Scribe

Asma Gesalla

Matt Medley - Team website manager

Siddharth Rana

## What we've accomplished in the past week/what we've been researching

Nolan Slimp - Worked on requirements and constraints gathering. Expanded bullet points/notes into a paragraph for our assignment. Set up a folder for weekly reports. Lightning talk.

Joshua Heroldt - Worked with the client to refine the set of requirements for the project. These requirements were all put into the group requirements document. Additionally, I looked through various research papers that had relevance towards our project.

Indrajeet Aditya Roy - Worked on the requirements and constraints reports, specifically generating use cases for the application.

Bernard Fay - Worked on the requirements and constraints assignment, particularly generating use cases and creating the diagrams. I took notes at our client meeting for documentation and future reference. I contributed to the lightning talk as well.

Asma Gesalla - I honestly did not work on the project at all this week, and I have talked to professor Fila about my situation. My sister passed away and I wasn't feeling good, I just got back to focusing on my classes this Thursday.

Matt Medley - I attended the client meeting and took notes on that for future reference. Other than that, I didn't contribute much as I was out of town for the weekend, which is when our team completed most of this week's requirements/constraints assignment. I made sure to communicate this with the team, and we decided I could do a lot more work on future assignments to make up for this one.

Siddharth Rana- I was caught up in a personal matter this whole week, had to travel back home to India. I hope to get up to speed from Tuesday and fulfill my part in the project.

## What we're planning to do in the coming week

Nolan Slimp - I plan on setting up a trello board to aid in our project plan.

Joshua Heroldt - I plan to continue correspondence with our client to narrow down the specific factors that our program will have to account for in order to perform dynamic reallocation.

Indrajeet Aditya Roy - I plan on looking into the research papers for better understanding. I am also planning to look into the tech stack and evaluate which development options would be most feasible and efficient. I will also assist other team members in completing tasks as needed.

Bernard Fay - I plan on taking minutes at our meetings and looking into the provided research papers to better understand the project. I will assist other team members in completing tasks as needed.

Asma Gesalla - I'm planning on attending all meetings this coming week, and discuss whatever I have missed with my group members and our client.

Matt Medley - I'm planning to look start looking into the tech stack, and discuss with other team members which languages/frameworks would be the best choice to use based on our project requirements and constraints. I also plan to attend the client and TA meetings as usual.

Siddharth Rana- Planning to get up to speed with the help of a teammate, attend all meetings and make a substantial contributio.

## Issues we had in the previous week - to be addressed in meetings

Nolan Slimp - Do we want to have separate trello boards/areas for web app and mobile app? I think so as they are doing separate functions, but on the same backend.

Joshua Heroldt - There do not seem to be any recognized standards for how to display/map traffic data in a graph format. Either these things seem to be proprietary or there are various proposed standards that have not been adopted yet.

Indrajeet Aditya Roy - The use cases developed for the application were a combination of concrete requirements and educated guesses, as the use case expectations and functions of the application were not completely well defined. Application functions and responses have to be better defined and discussed in meetings.

Bernard Fay - The use case expectations were not entirely clear and required some educated guessing on my part. Trimming down and grouping the use cases was a bit tricky because of all the many minor alterations that change how our application should respond.

Asma Gesalla - I have an issue with our time meeting with the client, it's always conflicting with my other classes work.

Matt Medley - I have an issue with the client meeting time, as it also conflicts with my work.

Siddharth Rana- I have an issue with the time of our client meeting.