

Progress Report 2

Decision Table Editor

ECSE 458 D1/D2: Capstone Project

Fall 2023 / Winter 2024

Group 50

Julien Lefebvre - 260985990 - julien.lefebvre2@mail.mcgill.ca

Yazan Saleh - 260892738 - yazan.saleh@mail.mcgill.ca

Lucca Di Lullo - 260984108 - lucca.dilullo@mail.mcgill.ca

Justin Randisi - 260987866 - justin.randisi@mail.mcgill.ca

WESTF Primary Members

Robert Sabourin - robsab@gmail.com

Ben Simo - ben@qualityfrog.com

Claudiu Stoianof - claudiu.stoianof@gmail.com

Meetings

- Tuesday October 24th 2023 - (Zoom)
 - ◆ Put finishing touches on sprint 1 code
- Thursday October 26th 2023 - (Zoom)
 - ◆ Allocation of backlog (user stories) and feature files
- Monday October 30th 2023 (Zoom)
 - ◆ Grooming of sprint 2 user stories
- Tuesday October 31 2023 (In-Person)
 - ◆ Meeting to complete progress report 2
 - ◆ Planning and distributing tasks for Sprint 2 (current sprint)

Recent progress

In terms of project progress, we have completed Sprint 1 and are currently working on Sprint 2 which is to be completed by November 15. For Sprint 1 we delivered a product that was able to create decision tables, as well as create actions, rules and conditions to work in the decision tables. These conditions and actions work using binary input (True, False) and are able to be toggled by the user in real time. We have also created the functionality to name all of these conditions, actions, tables and rules. All of the data stored in a decision table is centralized in a data structure type to facilitate the process of saving and loading files from the user's personal storage system. The application currently needs to be run from the terminal using nvm which launches the app in the user's preferred browser.

Future plans

Before the next project report, we will have completed the second sprint for this project. The tasks to be completed in this sprint 2 are in majority dictated by the feedback received from the first sprint deliverable. This means adjusting our vision on the structure of the decision tables, conditions, actions and rules. We also plan on allowing decision tables to be saved as files on the user's computer, and also provide an executable for the application, allowing users to run it easily. Finally, other incremental features that will be worked on in this sprint are supported numerical ranges and values for conditions and actions, in addition to the currently implemented boolean values.

Professionalism

As we progressed through the stages of our capstone project, we realized the importance of effective collaboration and team dynamics. We believe that the mark of a true engineer does not solely rely on technical know-how, but also on their ability to integrate within a team, communicate ideas succinctly, and approach problems with a holistic mindset.

Being cognizant of time management, we established regular check-ins and updates, ensuring that all members were aligned with our common goals and objectives. This not only streamlined our workflow but also fostered a sense of camaraderie among the team. Our commitment to active listening and constructive feedback has paved the way for a collaborative environment, where each idea, regardless of its origin, was given equal consideration.

In our discussions with our supervisor, we ensured transparency, acknowledging challenges and seeking guidance wherever required. This was not just a demonstration of our honesty but also showcased our willingness to learn and improve.

Moreover, while our primary goal was to innovate and create a functional software application, we were equally dedicated to ensuring that our product would be user-friendly, ethically developed, and free from biases. Recognizing that in today's digital age, the implications of software extend beyond just functionality, we were committed to making our application socially responsible and ethically sound.

In conclusion, this capstone project has been a testament to our growth, not just as engineers, but as responsible and professional individuals. It is a culmination of our academic journey, and we move forward, equipped with the technical and professional skills, ready to make a positive impact in the world of engineering.