

ECSE458 - Capstone Project Statement

Decision Table Editor

Members of Group 50:

1. Justin Randisi - ID# 260987866
2. Lucca Di Lullo - ID# 260984108
3. Julien Lefebvre - ID# 260985990
4. Yazan Saleh - ID# 260892738

Project advisor:

Professor Robert Sabourin: McGill - Faculty of Engineering (robsab@gmail.com)

Intellectual property & Non-disclosure Agreement:

For this project, all resources used fall under the public domain and therefore no ownership needs to be assigned. In addition, there will be no need for any NDA's to be signed before beginning this project.

Group meetings and meetings with advisor(s):

It has been agreed on by all members of the team and our advisor that we will follow a regular meeting schedule for the remainder of the project. The meetings with the stakeholders will be held on a Thursday at 3 pm every three weeks. We have divided our schedule into three week sprints where the first day of the sprint is a Thursday. In addition, we are not necessarily limited to one meeting per sprint but rather a minimum of 1 meeting per sprint, as additional meetings within our project team will be needed during the sprints.

Project Requirements:

Resource	How will it be obtained?
Python 3	Free on python website
XMind	Free on app store
Python IDE	Many are free online such as Spyder etc.

Project Abstract:

The goal for this Capstone project is to apply an iterative and incremental method to develop a tool for the creation, editing, management, and optimization of decision tables.

The goal for this project is to create a product that is able to help others, namely students in the software development cycle. The objective is to improve quality and efficiency in terms of requirements management, development and testing of software systems.

The project will be broken down into sprints of three weeks to be completed throughout the two semesters. Each sprint iteration will aim to develop and deliver a working increment of the product. Continuous feedback and advice will be given at the beginning of each sprint so that the next iterations can be improved upon. The desired end result is a complete standalone web-based tool that allows users to create and manage decision tables and their conditions, actions, rules, as well as provide helpful logic reduction for optimization.