

Table 1: Revision History

<b>Date</b>	<b>Developer(s)</b>	<b>Change</b>
Date1	Name(s)	Description of changes
Date2	Name(s)	Description of changes
...	...	...

# Development Plan

## Mechatronics

Team 28, Controls Freaks  
Abhishek Magdum  
Dharak Verma  
Jason Surendran  
Laura Yang  
Derek Paylor

Our team: Controls Freaks, has had a long love for the world of control systems. Our mission is to develop a control system for McMaster's Formula FSAE team, to learn and better understand how vehicle's and similar systems operate, and to cohesively work in a team to bring together the knowledge we have gained over our university careers into one final project. Our team is primarily mechatronics based, with four members (Laura, Jason, Abhishek, and Derek) being in the program, while our final member, Dharak, brings expertise from the computer engineering program and an understanding of the McMaster team's vehicle sub-systems.

### **1 Team Meeting Plan**

Team meetings will be held once a week on Thursdays at 8:00 pm and will go for roughly one hour. Ad hoc meetings will be held as needed.

### **2 Team Communication Plan**

### **3 Team Member Roles**

### **4 Workflow Plan**

- How will you be using git, including branches, pull request, etc.?
- How will you be managing issues, including template issues, issue classification, etc.?

## 5 Proof of Concept Demonstration Plan

What is the main risk, or risks, for the success of your project? What will you demonstrate during your proof of concept demonstration to convince yourself that you will be able to overcome this risk?

## 6 Technology

- Specific programming language
- Specific linter tool (if appropriate)
- Specific unit testing framework
- Investigation of code coverage measuring tools
- Specific plans for Continuous Integration (CI), or an explanation that CI is not being done
- Specific performance measuring tools (like Valgrind), if appropriate
- Libraries you will likely be using?
- Tools you will likely be using?

## 7 Coding Standard

## 8 Project Scheduling

[\[How will the project be scheduled? —SS\]](#)