# Introduction

This document provides a brief overview of the risks involved in the production of the Port Authority North Shore Extension project. There many potential problems that could arise, described in further detail below.

# Project Risks

## Individual

A six-man team will be working together to complete the project. The project has been divided into six individual “modules” in which each team member is assigned one. Failure to complete a module fully and correctly by an individual could hamper the ability for the whole system to work together and produce a complete simulation. Similarly, a member of the team could fall ill or have an emergency which could force them to not participate. This could place additional load on the team to pick up the work of the team member and/or inhibit the ability to simulate a full system working together.

## Technology

The development of this projects requires the use of many different software packages. If there is a problem with any of the software, it could significantly impact our work flow. GitHub access will be crucial, as all files for the project are being stored there.

## Facility Access

The team will require access to the labs to get together and in some cases work. Since these facilities are operated by third parties, their access is out of our control. There have also been access restrictions due to outside threats in the past. If we are unable to access the facilities when they are needed, it may delay making progress on the project.

## Schedule

An internal team schedule has been laid out, with several milestones and review dates that are to be achieved. Since all members of the team are full-time engineering students, their ability to complete work on time may be significantly hampered by other coursework overloading them and taking priority. While it will be attempted to stay on time with the schedule we have made, time conflicts may arise that take us off schedule and force us to modify it.