Risk Assessment - Track Model

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**Introduction**:

This document assesses the risks involved in the production of this project. There are many events that could occur that would be out of our control as well as the individuals that make up this team that could affect the project.

**Individual Problems:**

There are 6 people in our group all full time students. There could be issues scheduling times to meet for the project that could affect its completion. In addition, one of the members could be forced to no longer be able to participate whether they fall ill or an emergency situation occurs. In that case, our modules should be able to run individually however it would lack in the overall simulation.

**Technology Problems:**

We are using several different software packages to work on this project. If we encounter a defect in any of them, it could cause an issue. Specifically if GitHub crashes, there is the risk of losing our work which makes it very important to back up our work frequently. If this were a real life transit system, there could be the possibility of hardware failing but since this is strictly software based, that is not a concern for our project.