**RISK**

**ANALYSIS**

**for**

**Subway System Simulator**

# Version 2.0

NWMSU

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|  | **Risk Analysis Authorization**  **Memorandum** |

We have carefully assessed the Risk Analysis for the Subway System Simulator. This document has been completed in accordance with the requirements of the Michael Oudshoorn.

We fully accept the changes as needed improvements and authorize initiation of work to proceed. Based on our authority and judgment, the continued operation of this system is authorized.

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**RISK ANALYSIS**

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**1. GENERAL INFORMATION:**

A risk analysis is a critical part of the disaster recovery planning process. Read out this document to get detailed information about the risks in the project. In this project we have tried to mitigate all the risks which we got to know from our knowledge.

All the risks which we could not mitigate, we are defining here and let you know about the all risks involved in the project.

**2.** **List of *RISKS AND SAFEGUARDS***

**2.1** **IF A PERSON GETS SICK**

### 2.1.1 Risk Category: communications risk

### 2.1.2 Risk Impact: Moderate

### 2.1.3 Risk effects: Delay the project

May impact on software quality

May impact project deadline

### 2.1.4 Potential Safeguard(s)

Take care of health

### 2.2 UNSTABLE REQUIREMENTS COME FROM CLIENT

### 2.2.1 Risk Category: Requirements risk

### 2.2.2 Risk Impact: High

### 2.2.3 Risk effects: Delay the project

May increase project price

May impact on software quality

May impact project deadline

### 2.2.4 Potential Safeguard(s)

Jot down all the requirements and get signed by client

### 2.3 UNREALISTIC COST OR SCHEDULE

### 2.3.1 Risk Category: Project risk

### 2.3.2 Risk Impact: Moderate

### 2.3.3 Risk effects: Delay the project

May increase project price

May impact on software quality

May impact project deadline

### 2.3.4 Potential Safeguard(s)

Make proper predictions about the lines of code

Make proper predictions for time and budget

### 2.4 POOR TRAINING

### 2.4.1 Risk Category: Individual risk

### 2.4.2 Risk Impact: Moderate

### 2.4.3 Risk effects: Delay the project

May increase project price

May impact on software quality

May impact project deadline

### 2.4.4 Potential Safeguard(s)

Proper training before starting project

Use familiar technologies

### 2.5 SOFTWARE FAILS

### 2.5.1 Risk Category: Data safety risk

### 2.5.2 Risk Impact: Low

### 2.5.3 Risk effects: Delete all the data

System gets hang

**2.5.4 Potential Safeguard(s)**

Use standard coding methods like exception handling etc.

If some component fails then safely stops the application.

### 2.6 Unable to implement any functionality

### 2.6.1 Risk Category: functionality risk

### 2.6.2 Risk Impact: Moderate/High

### 2.6.3 Risk effects: Project gets delay

Cost increase

Impact other functionality

**2.6.4 Potential Safeguard(s)**

Do not devote much on that

Drop that functionality if not implementing

Look for alternate functionality