**Risk Analysis**

**For**

**Project Management Collaboration Tool**

**Version 1.0**

**NWMSU**

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

These document is prepared in accordance to the requirements of the Dr.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 support the implementation and execution of program risk management in systems engineering programs. 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 CUSTOMER RELATED RISKS:

### 2.1.1 Risk Category: **Working with these customer**

### Risk Impact: **Low**

### Risk effects: **May delay the project**

* + 1. Safeguard(s):

If customer is new to you, understand the customer’s point and go through it.

### 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 project deadline

### 2.2.4 Safeguard(s):

Note down all the requirements and get signed by client in order to be sure with the requirements

### 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 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 Safeguard(s):

Proper training before starting project

Use familiar technologies

### 2.5 SOFTWARE FAILS

### 2.5.1 Risk Category: **Working of system**

### 2.5.2 Risk Impact: **Low**

### 2.5.3 Risk effects: **System gets hang**

2.5.4Safeguard(s):

Use standard coding methods like exception handling etc.

If some component fails then safely stops the application.