Bug Tracker

Risk List

Version 1.0

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Revision History

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Risk List

# Introduction

[The introduction of the **Risk List** should provide an overview of the entire document. It should include the purpose, scope, definitions, acronyms, abbreviations, references, and overview of this **Risk List**.]

## Purpose

This document outlines any risk that may impact the ability of the development team to deliver a project so the risk can be accounted for.

[Specify the purpose of this **Risk List.**]

## Scope

The project affected by this Risk List is the design and development of a bug tracking application known as Bug Tracker.

[A brief description of the scope of this **Risk List**; what Project(s) it is associated with, and anything else that is affected or influenced by this document.]

## Definitions, Acronyms and Abbreviations

Need a project glossary to also be used with SRS

[This subsection should provide the definitions of all terms, acronyms, and abbreviations required to properly interpret the **Risk List**.  This information may be provided by reference to the project Glossary.]

## References

[This subsection should provide a complete list of all documents referenced elsewhere in the **Risk List**. Each document should be identified by title, report number (if applicable), date, and publishing organization. Specify the sources from which the references can be obtained. This information may be provided by reference to an appendix or to another document.]

## Overview

[This subsection should describe what the rest of the **Risk List** contains and explain how the document is organized.]

# Risks

## <Risk Identifier—a descriptive name or number> Lack of knowledge or improper use of new technology

### **Risk Magnitude or Ranking**

High  
[An indicator of the magnitude of the risk may be assigned to help rank the risks from the most to the least damaging to the project.]

### **Description**

As the project team will be using new technologies and learning them along the way, technology risks may arise. This could cause a team members individual contribution to not work correctly with others.   
  
[A brief description of the risk.]

### **Impacts**

Software won’t compile as it should.  
Introduction of bugs into existing code.  
Requirement for module won’t be met.  
Extra time spent on developing the application.

[List the impacts on the project or product.]

### **Indicators**

A gui doesn’t conform to the requirement and prototype specified.  
Output of unit test doesn’t produce the result expected and documented during requirement gathering.  
  
[Describe how to monitor and detect that the risk has occurred or is about to occur. Include such things as metrics and thresholds, test results, specific events, etc.]

### **Mitigation Strategy**

Currently using online tutorials to learn how to use any new technology as well as sticking to technology discussed during lectures.  
  
[Describe what is currently done on the project to reduce the impact of the risk.]

### **Contingency Plan**

If it’s not possible to deliver a requirement listed as desirable within the timeframe of the project the requirement will not be implemented.  
  
If the risk materializes for an essential requirement, the risk will be accepted and the team member can be swapped with another member who has more knowledge in the particular technology. If time permits, the team member with lesser knowledge can gain instruction from other members.   
  
So the team are fairly equally knowledgeable on the technology used for this project it is recommended all members experiment with Netbeans together with QT and github.   
  
[Describe what the course of action will be if the risk does materialize: alternate solution, reduction in functionality, etc.]

## <next Risk Identifier—a descriptive name or number> Requirement changes during development. Risk Magnitude or Ranking

High  
[An indicator of the magnitude of the risk may be assigned to help rank the risks from the most to the least damaging to the project.]

### **Description**

A requirement change during development that effects other functionality and therefore other requirements.   
  
[A brief description of the risk.]

### **Impacts**

Other requirements won’t be met.  
Project may not finish in time due to recoding large chunks of completed work.

[List the impacts on the project or product.]

### **Indicators**

A new requirement that effects the structure of the database and main guis.  
Changing requirements in relation to data and its type.  
  
[Describe how to monitor and detect that the risk has occurred or is about to occur. Include such things as metrics and thresholds, test results, specific events, etc.]

### **Mitigation Strategy**

As this is the beginning of the project the team is eliciting as many requirements as possible from the customer so they can be documented and fully understood before any development takes place. A prototype has been developed and a client walk-through so the client can give feedback and misunderstood or overlooked requirements can be included.  
  
[Describe what is currently done on the project to reduce the impact of the risk.]

### **Contingency Plan**

If the change in requirement is essential and only effects the outcome of a desirable requirement then the risk will be accepted and the desirable requirement will not be implemented.  
  
To avoid the risks, other requirements will need to be changed and discussed with the client.   
  
[Describe what the course of action will be if the risk does materialize: alternate solution, reduction in functionality, etc.]