|  |  |  |
| --- | --- | --- |
|  | Defect Management Plan | |
| 8/21/2013 | Graduate Capstone |  |

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# 1 Introduction

@TODO

## 1.1 Intended Audience

@TODO

## 1.2 References

* <http://sgraham745.net/uni/Semester%201/Project%20Management/S%20Drive/ProjMan/Stuff/Software%20defects%202.doc>
* <http://www.intrepidweb.ie/irishestates/Defects_Management_Plan.pdf>
* <http://cdn.intechopen.com/pdfs/9291/InTech-Defect_management_strategies_in_software_development.pdf>
* <http://regents.ohio.gov/obrpmcop/forms/templates/temp_defecttrackinglog.xls>

## 1.3 Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Date | Reason For Change | Version |
| Andy Bottom | 08/19/2013 | Started compiling the plan into the document | 0.1 |

# 2 Approach To Defect Management

## 2.1 Defect Categories

This section is used to identify the origin of defect. Typically defects occur due to one of the following categories:

* Requirements
* Design
* Source Code
* User Documentation
* Data
* Test Cases

### 2.1.1 Requirement Defects

@TODO

### 2.1.2 Design Defect

@TODO

### 2.1.3 Coding Defects

@TODO

### 2.1.4 Documentation Defects

@TODO

### 2.1.5 Data Defects

@TODO

### 2.1.6 Test Case Defects

@TODO

## 2.2 Defect Type

@TODO

|  |  |  |
| --- | --- | --- |
| Type of Defect | Possibility of Defect Occurrence | Overall Defect Pattern |
| Blocker | Remote | 10% |
| Critical | Unlikely | 20% |
| Major | Possible | 25% |
| Minor | Probable | 15% |
| Trivial | Near Certainty | 30% |

# 3 Defect Removal Strategy

@TODO

# 4 Defect Detection Strategy

To identify defects that may occur in the system, we will be performing tests and inspections on the code. For more information, refer to the Test Plan Document for more information.

# 5 Defect Tracking

## 5.1 Definitions

* Defect ID – is the unique id to identify the defect
* Defect Summary – is a description about the defect

## 5.2 Form Template

Can be found in Appendix A

## 5.3 Table Template

Can be found in Appendix B

# Appendix

## Appendix A: Defect Form Template

**<NAME>**

Information

Risk Information

|  |  |
| --- | --- |
| Risk ID | <Risk ID> |
| Category | <Category> |
| Type | <Type> |

Submitter Information

|  |  |
| --- | --- |
| Name of Submitter | <User Name> |
| Date of Submission | <Date> |

|  |  |
| --- | --- |
| Risk Name | <Name> |

|  |
| --- |
| Defect Description |
| <Description> |

Defect Review

|  |  |
| --- | --- |
| Review Name | <Name> |
| Date of Review | <Date> |
| Revised Impact | <Impact> |

|  |
| --- |
| Response Description |
| <Summary> |

## Appendix B: Defect Tracking Log Template

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | Category | Likelihood | Impact | Response |
| <Defect ID> | <Category> | <Occurrence> | <Impact> | <Response> |
| < Defect ID> | <Category> | <Occurrence> | <Impact> | <Response> |
| < Defect ID> | <Category> | <Occurrence> | <Impact> | <Response> |
| < Defect ID> | <Category> | <Occurrence> | <Impact> | <Response> |
| < Defect ID> | <Category> | <Occurrence> | <Impact> | <Response> |