SE 4485 Software Engineering Project

Final Report

Title Page

Executive Summary

1. Introduction

1.1.   Purpose and Scope
1.2.   Product Overview (including capabilities, scenarios for using the product, etc.)
1.3.   Structure of the Document
1.4.   Terms, Acronyms, and Abbreviations

2. Project Management Plan

2.1.   Project Organization
2.2.   Lifecycle Model Used
2.3.   Risk Analysis
2.4.   Hardware and Software Resource Requirements
        (Do not forget to describe what *new* software or hardware each team member learned during the project)
2.5.   Deliverables and Schedule
2.6.   Monitoring, Reporting, and Controlling Mechanisms
2.7.   Professional Standards
2.8.   Evidence all the artifacts have been placed under configuration management
2.9.   Impact of the project on individuals and organizations
        (Include a description of what impact your project will have on individuals and society)

3. Requirement Specifications

3.1.   Stakeholders for the system
3.2.   Use case model
3.2.1. Graphic use case model
3.2.2. Textual Description for each use case
3.3.   Rationale for your use case model
3.4.   Non-functional requirements

4. Architecture

4.1.   Architectural style(s) used
4.2.   Architectural model
4.3.   Technology, software, and hardware used
4.4.   Rationale for your architectural style and model

5. Design

5.1.   GUI (Graphical User Interface) design
5.2.   Static model – class diagrams
5.3.   Dynamic model – sequence diagrams
5.4.   Rationale for your detailed design model
5.5.   Traceability from requirements to detailed design model

6. Test Plan

6.1.   Requirements/specifications-based system level test cases
6.2.   Traceability of test cases to use cases
6.3.   Techniques used for test generation
6.4.   Assessment of the goodness of your test suite
        (Which metrics were used for such assessment?)

Acknowledgment

References
(Must be complete, correctly formatted using the standard for IEEE Conference Proceedings)