**SE 4485 Software Engineering Project**

**Final Report**

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| --- | --- |
| Group Number | 10 |
| Project Title | Internet Research Assistant |
| Sponsoring Company | The Fellows Consulting Group |
| Sponsor | Jeff |
| Students | Bakr Alkayali  Chloe Pascual  Vi Le  Ikraam Rahman  Mohammad Chauhan |

Title Page

Executive Summary

Table of Contents

List of Figures

List of Tables

# Introduction

* 1. Purpose and Scope
  2. Product Overview (including purposes, capabilities, scenarios for using the product, etc.)
  3. Structure of the Document
  4. Terms, Acronyms, and Abbreviations

# Project Management Plan

* 1. Project Organization
  2. Lifecycle Model Used
  3. Risk Analysis
  4. Software and Hardware Resource Requirements

(Do not forget to describe what *new* software or hardware each team member learned during the project)

* 1. Deliverables and Schedule
  2. Monitoring, Reporting, and Controlling Mechanisms
  3. Professional Standards
  4. Evidence all the artifacts have been placed under configuration management
  5. Impact of the project on individuals and organizations

(Include a description of what impact your project will have on individuals and society)

(In particular, the impact on public health, safety, and welfare.)

(Explain how global, cultural, social, environmental, and economic factors are taken into account during the project development.)

# Requirement Specifications

* 1. Stakeholders for the system
  2. Use case model for functional requirements
  3. Graphic use case model
  4. Textual Description for each use case
  5. Rationale for your use case model
  6. Non-functional requirements

# Architecture

* 1. Architectural style(s) used
  2. Architectural model
  3. Technology, software, and hardware used
  4. Rationale for your architectural style and model
  5. Traceability from requirements to architecture

# Design

* 1. GUI (Graphical User Interface) design
  2. Static model – class diagrams
  3. Dynamic model – sequence diagrams
  4. Rationale for your detailed design model
  5. Traceability from requirements to detailed design model

# Test Plan

* 1. Requirements/specifications-based system level test cases
  2. Techniques used for test generation
  3. Assessment of the goodness of your test suite

(Which metrics were used for such assessment?)

* 1. Traceability of test cases to use cases

# Evidence the Document Has Been Placed under Configuration Management

* Name of the CM tool: GitHub
* Version number of before:
* Version number after:
* Difference between the two:
* Review of each change:
  + Before: Added outline, structured document, and formatting.
  + After:
* Other info:

# Engineering Standards and Multiple Constraints

# Students should work with their project sponsor(s) to identify all the standards and constraints that should be applied for preparing this document

# Duplicate entries should be removed

# Additional References

* Include other related references that are not included the section above

# Duplicate entries should be removed

# Acknowledgment