

Final Report Document Outline

- Cover Page
- Acknowledgments
- Table of Contents

1. Introduction/Overview

1.1 Goals and objectives

Overall goals and software objectives are described.

1.2 Statement of scope

A description of the software is presented. Major inputs, processing functionality and outputs are described without regard to implementation detail.

1.3 Software context

The software is placed in a business or product line context. Strategic issues relevant to context are discussed.

1.4 Major constraints

Any business or product line constraints that will impact the manner in which the software is to be specified, designed, implemented or tested are noted here.

2. Requirements/Analysis Model

2.1 User profiles

The profiles of all user categories are described here.

2.2 User stories

All the user stories defining the use-cases for the software are presented using the user's own words.

2.3 Data objects

Data objects and their major attributes are described, UML Class model for the software is presented,

2.4 Data dictionary

A reference to the data dictionary is provided.

2.5 Functional Model and Description

Description of major software functions described using formal use cases along with UML use case, sequence, and communication diagrams.

2.6 Behavioral Model and Description

A description of the behavior of the software is presented in terms of events and states modeled using UML state and activity diagrams.

3. Hardware/Software Design

3.1 Data design

A description of all data structures including internal, global, and temporary data structures.

3.2 Architecture design

A detailed description the program structure chosen for the application is presented including a pictorial representation of the architecture and a discussion of alternative architectural styles considered and rejected is presented.

3.3 Component design

A detailed description of each software component contained within the architecture is presented.

3.4 Software Interface Description

The software's interface(s) to the outside world are described.

3.5 User interface design

A description of the user interface design of the software is presented, including key screen shots, description of screen objects and actions. List any design standards or rules followed.

4. Implementation Details

Summarize implementation decisions made and resources needed to create and deploy the product,

5. Testing/SQA

5.1 Reviews and Audits

This section discusses major project reviews conducted by SQA staff and software team members.

5.2 Quality tracking

Describe metrics used to track defects and software quality.

5.3 Testing strategy

5.3.1 Unit testing

5.3.2 Integration testing

5.3.3 Validation testing

5.3.4 High-order testing

5.4 Testing procedures

5.4.1 Test case log with expected results, actual results, and pass/fail indicators

5.4.2 Record results of specialized testing procedures (performance, usability, playtesting, acceptance, etc.)

6. Future Maintenance Suggestions

Summarize anticipated product enhancements and future repairs.

7. Delivery/Acceptance Statement

Copy of client acceptance letter.

8. References & Bibliography

List books, web sites, tutorials, code libraries, media assets, etc.

9. Appendix A - User Manual

Introduction

- Purpose of product
- Operating environment
- General functionality
- Special features
- Limitations

Installation

- Physical requirements
- Copying & backup procedures
- Software installation instructions

Tutorial

- Walkthrough of example session
- Explanation of example session
- Help facilities provides (on-line & text)

Detailed Instructions

- Operation of product
- How to run all product functions
- Sample Output from product
- Sample Input to product
- Error handling supported by product.

Technical Details

- Advanced features
- Modification of product
- Support information

- Appendix B - Sample Output

Screenshots (storyboard) showing end to end use of product.

- Appendix C - Team Member Resumes

Single page resume for each team member

- Appendix D - Project Plan & Logbook

Project planning documents with corrected estimates and schedule.

Logbook summarizing the design changes made following technical reviews might also include your commit logs.

- Appendix E - Project Demo Notes

Script for the product demo.

- Appendix F – Final Presentation Slides

Power point slides for final project demo and team post mortem.