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Report #3: Final report

Your project title

Introduction to Software Engineering

(CSC13002)

Group name: Your group's name

1. Team member 1
2. Team member 2
3. Team member 3
4. Team member 4
5. Team member 5

Ho Chi Minh City, \_\_\_/\_\_\_/\_\_\_\_

**Revision History**

|  |  |
| --- | --- |
| **Version No.** | **Date of Revision** |
| v.1 | \_\_/\_\_/\_\_\_\_ |

Project URL, if any.

**Individual Contributions Breakdown**

The contributions breakdown must contain the responsibility matrix and responsibility allocation chart. Each student should provide an itemized list of his or her contributions to components of the report.

If several students contributed to a particular component, quantify, as a percentage, each student’s contribution this component.

If you find it unnecessary and tedious to quantify details of your work, and if all team members agree that everyone genuinely contributed to the success of their project, it is acceptable that you just write “All team members contributed equally” instead of a detailed breakdown.

**Table of Contents**

**Summary of Changes**

Provide an itemized list of key revisions since the previous two reports: Report #1 and Report #2. This includes key changes in project objectives, use case descriptions, and system design (e.g., interaction diagrams, class and package diagrams).

**Customer Statement of Requirements**

(as in Report #1, revised as needed)

**Glossary of Terms**

(as in Report #1, revised as needed)

**System Requirements**

(as in Report #1, revised as needed)

**Functional Requirements Specification**

(as in Report #1, revised as needed)

For the use cases that will *not* be implemented for the final demo, provide a casual description for each and indicate that these could be considered for future work. *System Sequence Diagrams* should be updated to incorporate the use cases that will be completed for the final demo. This section must include the *Traceability Matrix* that shows how your use cases are related to your system requirements.

**Domain Analysis**

(as in Report #1, revised to incorporate the use cases that will be completed for the final demo)

This section must include the *Traceability Matrix* that shows how your use cases map to your domain concepts. Include text description, not only a table with checkmarks.

**Class Diagram and Interface Specification**

(as in Report #2, revised as needed)

This section must include the *Traceability Matrix* that shows how your classes are related to your domain concepts and a *text description* of the concepts-to-classes evolution.

In addition, discuss the use of *design patterns* to improve your design.

**System Architecture and System Design**

(as in Report #2, revised as needed)

**Algorithms and Data Structures  (if applicable)**

(as in Report #2, revised as needed)

**User Interface Design and Implementation**

(revise Report #1 add more details)

1. Structure and Navigation

Draw a diagram that show the relationship and transition between screens.

Create a table, listing all main screens with a brief description.

1. Specification

For main screens (5-7 screens), give a detailed description (purpose, navigation, issues, etc.)

## 

**Design of Tests**

In this report you design your tests.

1. List and describe the test cases (7-10) that will be programmed and used for unit testing of your software.
2. Discuss the test coverage of your tests.
3. Describe your Integration Testing strategy and plans on how you will conduct it.

Describe also your plans for testing any algorithms, non-functional requirements, or user interface requirements that you might have stated in your Report #1 and Report #3.

**History of Work, Current Status, and Future Work**

Instead of the section *Plan of Work* have the section *History of Work* which documents how the actual milestones and deadlines evolved. Compare these against the milestones as planned in Reports #1 and #2.

Also summarize (as a bulleted list) your key accomplishments in this project. Discuss the possible directions for future work on this project.

**References**

Books, papers, URL's of the sources of information and tools used in the project.