Your Project Name HERE

Your Project Number HERE

SE 321/305 – Software Specification and Design

Term Project Design Document

Group Member Names HERE

December 27, 2024

1. Introduction

Introduce Your Project HERE.

2. Problem Definition

Define Your Problem HERE.

WHY YOU WANTED TO ADDRESS THIS ISSUE.

3. Proposed System Design

3.1. Requirements

Put Your Functional and Non-Functional Requirements HERE.

3.2. Activity Diagrams

THERE SHOULD BE 1 ACTIVITY DIAGRAM FOR EACH FUNCTIONAL REQUIREMENT. GIVE SUITABLE NAMES TO YOUR DIAGRAMS.

EXAMPLE:

3.4.1. Activity Diagram 1: *AC should allow only authorized users to remove the container cover by NFC cards.*

(DELETE THIS AFTER)



3.2.2. Activity Diagram 2: *NAME OF THE DIAGRAM*

PUT ALL YOUR DIAGRAMS DON’T PUT ONLY TWO OF THEM.

YOU CAN GET YOUR DIAGRAMS BY USING THIS;

ON ENTERPRISE ARCHITECT,

CLICK PROJECT

DOCUMENTATION

DIAGRAM ONLY REPORT

AND THEN YOU CAN CUT AND PASTE DIAGRAMS FROM ONE DOCUMENT TO ANOTHER.

3.3. Context Model

PUT YOUR CONTEXT MODEL HERE.

3.4. Data Flow Diagrams

PUT YOUR DFD LEVEL 0 AND LEVEL 1 DIAGRAMS HERE.

3.5. Use Cases

3.5.1. Actors

Put Your ALL Actors HERE

(DELETE THIS EXAMPLE LATER)



3.5.2. Use Case Diagrams

Put Your ALL Use Cases HERE

3.6. Class Diagrams

3.6.1. Class Diagram 1: *NAME OF THE DIAGRAM*

Put Your Class Diagram Here.

3.7. E/R Diagrams

3.7.1. E/R Diagram 1: *NAME OF THE DIAGRAM*

Put Your E/R Diagram Here.

3.8. Sequence Diagrams

3.8.1. Sequence Diagram 1: *NAME OF THE DIAGRAM*

Put Your ALL Sequence Diagrams HERE

THERE SHOULD BE EXACTLY 5 SEQUENCE DIAGRAMS.

3.9. Communication Diagrams

3.9.1. Communication Diagram 1: *NAME OF THE DIAGRAM*

Put Your ALL Communication Diagrams HERE.

THERE SHOULD BE EXACTLY 5 COMMUNICATION DIAGRAMS.

4. Conclusion

Write a Conclusion for your document and summarize your work with a couple of sentences HERE