



# TOPIC OF THE PROJECT

*(Times new roman / Arial, size 22, bold)*

## NAMES OF THE STUDENTS

*(Times new roman / Arial, size 12, bold)*

1.NAME

2.NAME

3.NAME

4.NAME

**GROUP \*\*\*\***

**A PROJECT SUBMITTED TO  
INTERNATIONAL COLLEGE OF BUSINESS AND TECHNOLOGY  
(ICBT)  
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS  
FOR THE  
HD in Computing and Software Engineering**

*(Times new roman / Arial, size 14, bold)*

**October 2024**

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# Final Document Format

Acknowledgement

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Chapter 01

- Introduction
- Problem statement
- Literature Review
- Proposed solution
- Functionalities & Non functionalities of the system
- Software Development methodology

Chapter 02

- Feasibility study report
- Requirement gathering
- Resource identification
- Work break down structure
- Risk Analysis

Chapter 03

- Design of the system
  - Database
    - Entity relationship diagram (ER Diagram)
    - Normalized relation schema
- System Design (Choose the appropriate)
  - DFD
    - Context diagram
    - Level 0
    - Level 1
  - UML Diagram
    - Use case Diagram
    - Class Diagram
    - Sequence Diagram
- Pseudo code
- User Interfaces / Navigations

Chapter 04

- Explain co-functionalities with evidence

## Chapter 05

- Testing
  - Testing methodology and justification
  - Test plan
  - Test cases
  - Test conclusion
- User Manual

## Chapter 06

- Limitations for the project
- Lesson Learned
- Future recommendation

## References

## Appendix

- Proposal approval sheet
- Planned Gantt chart & Actual Gantt chart
- Requirement gathering evidences
- Supervisor log sheets
- Other documents



## **Higher Diploma in Computing and Software Engineering**

### **Module Code and Title: CSE5015 - Computing Project**

#### **Contents of the Project Proposal**

1. Title Page

clearly state the title of the proposed system with the name/s of the group members.

2. Introduction

Introduction to the report with the system to be developed and the document contents.

3. Background study

concepts already implemented

4. Problem Statement / Description to the problem.

A clear explanation of the problem identified in a specific area / business processes of a selected client / field. Clearly explain the problem using the evidence.

5. Literature review

Review similar systems and technology used.

6. Proposed Solution

Explanation of the solution / system suggested in addressing the problem identified in section 4.

7. Justification to the solution

Justify how the proposed solution used to mitigate or overcome the identified problem.



#### 8. Scope of the System

very clear indication of the area, which the systems cover, and the justification for the selected scope. Functionalities and non-functionalities of the proposed solution in detail.

#### 9. Methodology & Technology

The methodology used to complete the system. Eg: SDLC model. Explain the programming languages, DBMS and other software and hardware tools, which used in developing the system.

#### Resource Requirement and allocation

- Team structure
- Roles and responsibilities of the team
- Cost
- Hardware / software requirements

#### 10. Gantt chart / Risks

Provide your expected schedule / with resource assignment to each activity in the activity list. List the uncertainties for the project



## HD in Computing & Software Engineering

### CSE5015 Computing Project Proposal Approval Sheet

*Student Use only;*

<b>Group Name</b>		<b>Attempt No</b>	
<b>Title of the project</b>			
<b>System platform</b>	<div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Web Application  <input type="checkbox"/> Mobile Application              .....           </div> <div> <input type="checkbox"/> Desktop Application  <input type="checkbox"/> </div> </div>		
<b>Technology</b>			
<b>Programming methodology</b>	<input type="checkbox"/> Structured System Analysis and Design Methodology <input type="checkbox"/> Object Oriented Analysis and Design Methodology		
<b>SDLC</b>			

<b>Student No</b>		<b>Full Name</b>	
<b>Roles &amp; Responsibilities;</b>			
<b>Student No</b>		<b>Full Name</b>	
<b>Roles &amp; Responsibilities;</b>			
Project Manager, System Analyst, UI Engineer, Database Engineer, Software Engineer & UI Engineerchro			
<b>Student No</b>		<b>Full Name</b>	
<b>Roles &amp; Responsibilities;</b>			
<b>Student No</b>		<b>Full Name</b>	
<b>Roles &amp; Responsibilities;</b>			
<b>Student No</b>		<b>Full Name</b>	
<b>Roles &amp; Responsibilities;</b>			



**System Functionality:**

Function	Description
Login	



***Official use only;***

**Status: Approved / Rejected**

**Date of the status: .....**

**Approved by:**

.....