**Application Name**

A Hands-on Project in IT102 Object-Oriented Programming

In Partial Fulfillment of:

[Program or Degree Name]

Term 1, School Year 2024-2025



Date of Submission:

[Date]

Course Name:

[Course Name]

Team Members:

[Member Names]

Submitted to:

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**1. Introduction**

1.1 Needs

[Describe the needs that the application addresses.]

1.2 Benefits

[List the benefits of the application for users or stakeholders.]

1.3 Solution

[Outline the solution provided by the application.]

1.4 Differentiation

[Discuss how this application is different from existing solutions.]

**2. Objectives**

2.1 General Objective

[State the general objective of the project.]

2.2 Specific Objectives

[Specific objective 1]

[Specific objective 2]

[Specific objective 3]

**3. Object-Oriented Programming Discussion**

3.1 Understanding OOP

[Discuss your understanding of object-oriented programming principles such as encapsulation, inheritance, and polymorphism.]

3.2 Implementation in the Project

[Explain how these principles were applied in your project, including specific examples of classes, methods, and how they interact.]

**4. Diagrams**

4.1 Conceptual Diagram

[Insert Visual Summary of the tools used in this project (e.g. Windows Forms, C#, SQL, etc.)

4.2 Class Diagram

[Insert UML Class Diagram here.]

4.3 Entity-Relationship Diagram

[Insert Entity-Relationship Diagram here.]

**5. User Manual**

5.1 User Interface Components

[Provide screenshots and functional descriptions for each User Interface component.]

5.2 Database Environment

[Insert screenshots of the database environment and describe the tables.]

**6. Test Plan**

6.1 Test Cycles

[Discuss the progress for each cycle, including objectives, test cases, results, and any issues encountered.]

**7. Results and Discussion**

[Present the results of your project, including any findings, challenges, and overall performance.]

**8. Members Curriculum Vitae**

8.1 [Member Name]

[Insert formal recent photo here (white background).]

8.2 Education:

[Details about education]

8.3 Skills:

[Relevant skills]

8.4 Role:

[Contributions list]