**Logo

Description automatically generated**

Malayan Colleges Mindanao

**BONAPAY: EMPLOYEE DATABASE AND HR PAYROLL**

**MANAGEMENT SYSTEM**

Final Course Requirement for IT101P: Computer Programming Concepts 1

College of Computer and Information Science

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**INTRODUCTION**

The project is developed to provide a solution to a manually-encoded database. It aims to reduce the hardships faced by the existing system. Through the developed system, updating and reviewing the company and employee database is made easier. The program is developed via Python programming language. The system can only be accessed by the company administrator. The admin may enroll and delete the company data, add employee positions, create, read, update, and delete employees’ database. The succeeding parts of the document will discuss the program specifications including the program algorithm, flowchart, and program modules and sections, the system manual, and the conclusion and recommendation to guide the future developers in enhancing the system.

**PROGRAM SPECIFICATIONS**

*Algorithm*

*Pseudocode/Flowchart*

*Major Program Parts*

*Modules*

The program makes use of the built-in **‘os’** module to provide a system dependent functionality. This module expands the functionality of CRUD (creating, reading, updating, and deleting) files.

**SYSTEM MANUAL**

**CONCLUSION AND RECOMMENDATION**

1. Program Specifications
   1. Algorithm
   2. Pseudocode/Flowchart
   3. Major Program Parts/Modules/Sections (labels and description) *\*images*
2. System Manual (how to use the program) *\*with screenshots*
3. Conclusion/Recommendation