

PROJECT PRESENTATION

Title:Employee management
system

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course:Python fullstock

INTRODUCTION

- THE EMPLOYMENT MANAGEMENT SYSTEM IS A SIMPLE PYTHON PROJECT DESIGNED TO MANAGE EMPLOYEE INFORMATION. IT ALLOWS USERS TO ADD, VIEW, SEARCH, UPDATE, AND DELETE EMPLOYEE RECORDS EFFICIENTLY.

OBJECTIVES

- MAINTAIN EMPLOYEE DETAILS SYSTEMATICALLY
 - - SIMPLIFY HR MANAGEMENT TASKS
 - - ENSURE DATA ACCURACY AND EASY ACCESS
 - - PROVIDE AN INTERACTIVE CONSOLE-BASED INTERFACE

SYSTEM FEATURES

- 1. ADD NEW EMPLOYEE DETAILS
- 2. VIEW ALL EMPLOYEE RECORDS
- 3. SEARCH EMPLOYEES BY ID
- 4. UPDATE EMPLOYEE INFORMATION
- 5. DELETE EMPLOYEE RECORDS

CLASS DESIGN

- EMPLOYEE CLASS:
 - - ATTRIBUTES: EMP ID, NAME, POSITION, SALARY
 - - METHOD: DISPLAY()
- EMPLOYMENTSYSTEM CLASS:
 - - HANDLES EMPLOYEE MANAGEMENT
 - - METHODS: ADD_EMPLOYEE(),
VIEW_ALL(),
SEARCH_EMPLOYEE(),
UPDATE_EMPLOYEE(),
DELETE_EMPLOYEE()

SYSTEM WORKFLOW

- 1. USER SELECTS AN OPTION FROM THE MENU
- 2. SYSTEM PERFORMS THE SELECTED OPERATION
 - 3. DISPLAYS CONFIRMATION OR RESULT
- 4. LOOP CONTINUES UNTIL USER EXITS

ADVANTAGES

- - EASY TO USE AND MODIFY
- - PROVIDES STRUCTURED EMPLOYEE DATA
- - REDUCES MANUAL RECORD KEEPING
- - USEFUL FOR SMALL ORGANIZATIONS OR HR DEPARTMENTS

CONCLUSION

- THE EMPLOYMENT MANAGEMENT SYSTEM DEMONSTRATES THE POWER OF PYTHON'S OOP PRINCIPLES. IT PROVIDES A CLEAR, MODULAR, AND EFFECTIVE WAY TO MANAGE EMPLOYEE DATA EFFICIENTLY.

**THANK
YOU**