

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.**

The background is a light blue gradient. It is decorated with various abstract geometric shapes in two shades of blue: a medium blue and a darker navy blue. These shapes include circles of different sizes, semi-circles, and partial circular segments. Some shapes are positioned at the corners, while others are more centrally located, creating a modern, minimalist aesthetic.

**THANK
YOU**