Bangladesh University of Business and Technology

Dept. name : Computer Science and Engineering

Course name : Software Development Project

Course code : CSE - 100

Project title : Employee Management System

Intake : 50

Section : 04

Group no : 04

Submitted To : Khan Md. Hasib

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Submitted By :

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Declaration :

We would like to state that the discussion titled "Employee Management System" that we have submitted for the course of Software development 100. Department of Computer Science and Engineering is a project work that we have completed under the supervision of **Khan Md. Hasib.**

We will be held accountable if any errors are discovered.

Introduction:

The introduction section provides an overview of the purpose and significance of the Employee Management System. It discusses the challenges faced by organizations in managing employee-related tasks manually and highlights the benefits of automating these processes through an EMS.

Project aim and objective :

The objective of this project is to develop a software application that can store and manage employee information efficiently. The program should allow users to easily access employee information, make changes as necessary, and employee details.

Methodology:

The methodology section describes the approach used to develop the Employee Management System. It discusses the technologies and tools employed, such as programming languages, frameworks, and databases. It also outlines the development process, including requirements gathering, system design, implementation, and testing.

System Architecture:

This section presents the high-level architecture of the Employee Management System. It includes the different modules and components that make up the system and explains their interactions and dependencies.

System Features:

The user panel will include the following features:

- Add new employee
- Update employee information
- Delete employee
- Search an employee by Id
- Display average salary

Implementation:

The implementation section provides insights into the actual development process of the EMS. It discusses the coding practices, data structures, algorithms, and integration of different modules. Additionally, it highlights any challenges faced during the implementation and the solutions applied.

Results and Evaluation:

This section presents the results of the implemented Employee Management System. It discusses the system's performance, user feedback, and any observed limitations or areas for improvement. The evaluation may include metrics such as system response time, accuracy of attendance tracking, and user satisfaction.

Conclusion:

The conclusion section summarizes the key findings and outcomes of the lab report. It highlights the successful implementation of the Employee Management System and its effectiveness in streamlining employee-related tasks. It also discusses the potential impact of the system on organizational efficiency and suggests future enhancements or expansions.