

# *Employee Management System*

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Problem Statement

Objective

Project Overview

Project Flow

Technology used

Tools used

Conclusion



# Problem Statement

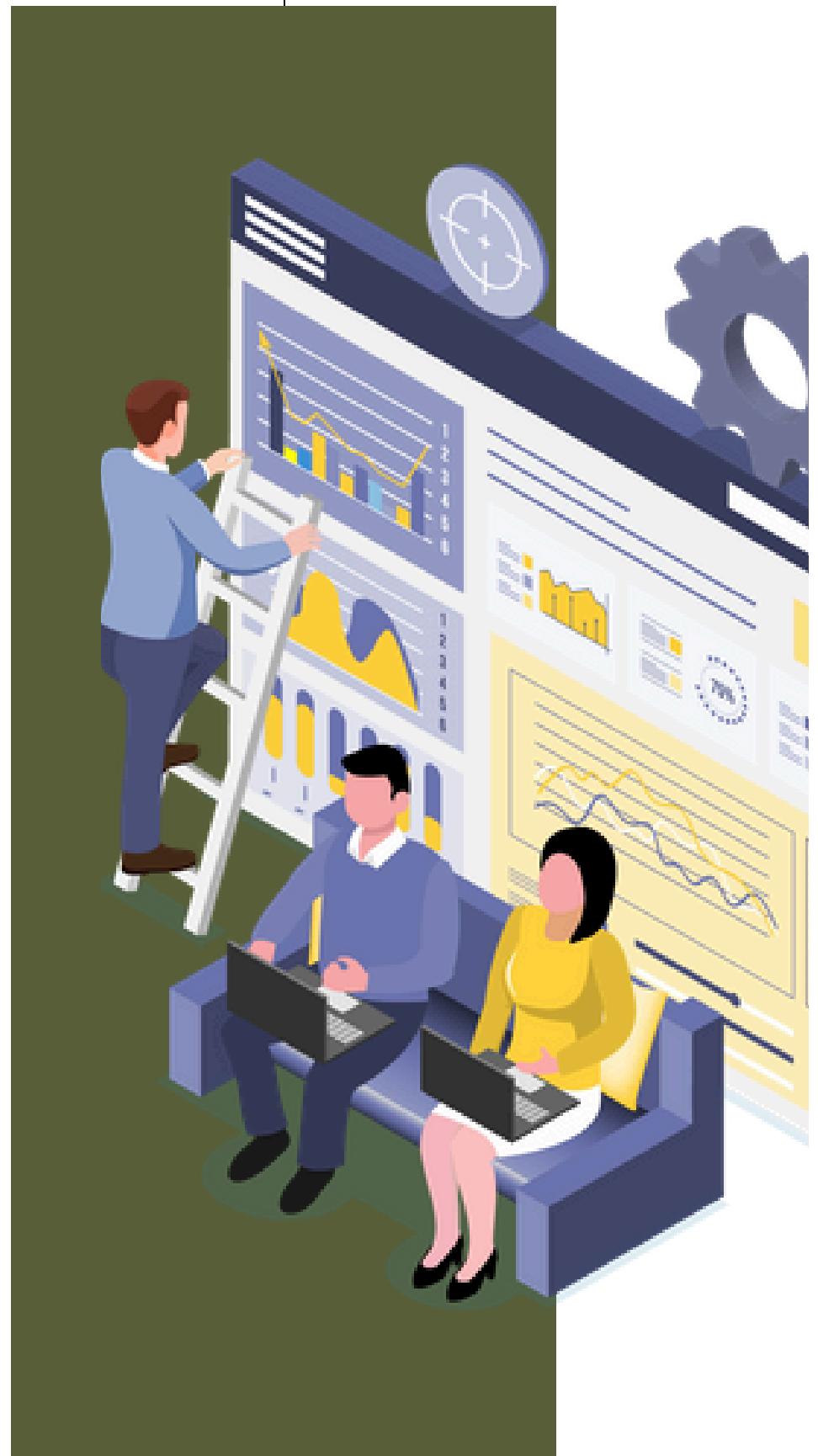
- Design a system
  - To maintain data of employees
  - To make easy calculation of salary
  - To generate reports of employees and salaries.





# Objective

- The project aims to simplify the task of maintaining records of the employees of the company.
- To develop a well - designed database to store employee information.
- Provides detailed reports to manage employee's data.

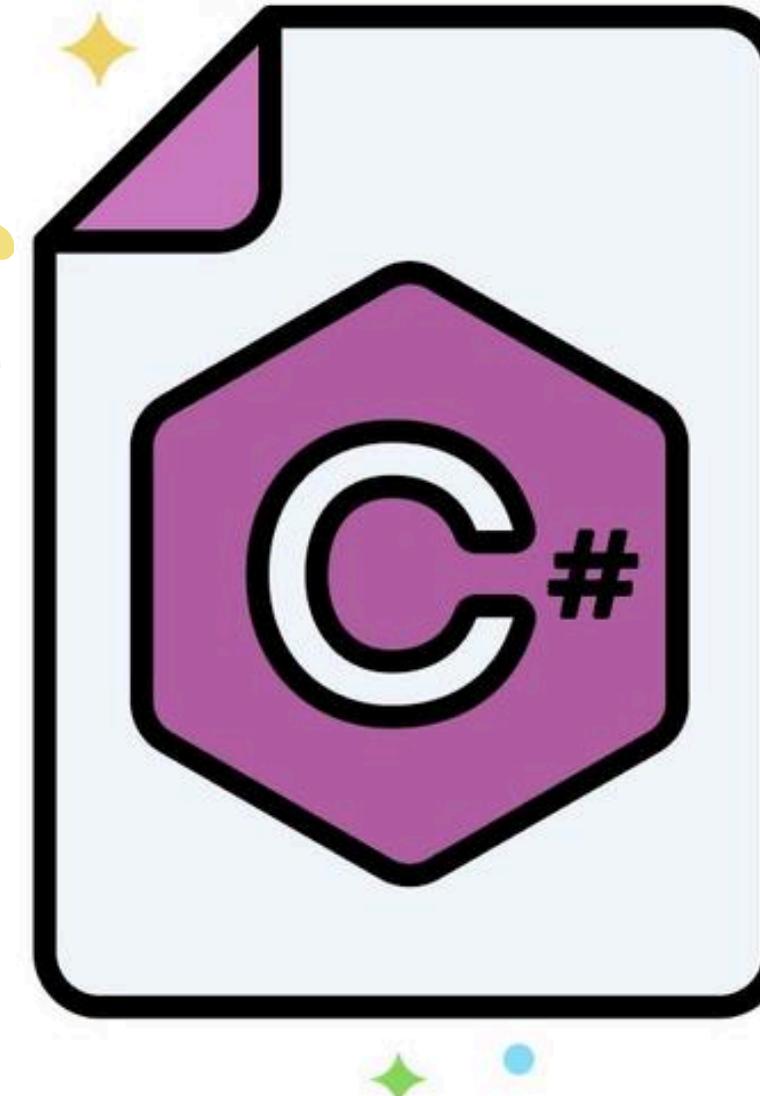


# Project Overview

- A console-based application to manage employees of a company.
- The system should allow:
  - Adding new employees, Viewing and updating employee details
  - Assigning them to departments
  - Calculating and processing salaries
  - Viewing employee reports
- This system also integrates files and Database for persistence.

# Project Flow





# Technologies Used

- C#
  - OOPS
  - ADO.NET
  - File Handling
  - Exception Handling
  - Unit testing
- SQL
- Git



## Tools Used

- Microsoft SQL Server Management Studio 18
- Visual Studio 2022
- GitLab

# Conclusion



- The Employee Management System provides a centralized, reliable way to manage employees, departments, and payroll.
- It reduces manual errors and ensures accurate salary computation.
- Integrates file and database storage for data persistence.
- Implements best practices in OOP, exception handling, and unit testing.

Thank you!