

Problem Statement:	Employee Management System- Application
Goal	<p>The goal is to develop the capability in the trainees to develop a application end to end. The trainees would get a feel on</p> <ol style="list-style-type: none"> 1. How to think on a solution and implement it 2. What kind of challenges are faced? 3. How to explore and research to resolve these challenges 4. What makes a good solution rather than just implement the features
Description of Problem Statement	Employee Management System where we record all our Employee details
Features to be Implemented	<p>Need to collect 4 types of Employees</p> <ol style="list-style-type: none"> 1. Permanent /On role 2. Temporary(through vendors) 3. Retailer 4. Interns <p>There will be four functions:</p> <ol style="list-style-type: none"> 1. Add Employee details 2. Modify Employee details 3. Remove Employee details 4. Display Employee details <p>In Add Employee Details :</p> <ol style="list-style-type: none"> 1. Add Employee personal details 2. Qualification details 3. Experience details 4. Government document details 5. Certification details <p>In Update Details</p> <ol style="list-style-type: none"> 1. Modify personal details 2. Qualification details 3. Experience details 4. Document details 5. Certification details <p>In delete details</p> <ol style="list-style-type: none"> 1. Remove Employee personal details 2. Qualification details 3. Experience details 4. Government document details 5. Certification details <p>In display details</p> <ol style="list-style-type: none"> 1. Display All the details <p>Report Generation:</p> <p>Report will be generated in file format</p>

	<p>Create a base class which act as abstract</p> <ol style="list-style-type: none"> 1. Abstract method to calculate the Employee net salary. 2. Use properties <ul style="list-style-type: none"> To collect the Employee Personal details To collect qualification details To collect the experience details To collect certification details 3. Use abstract property to display all the values 4. Child class create the data members and functions for different types of Employees 5. Salary calculation <ol style="list-style-type: none"> a. Permanent Employee : Basic Salary + Dearness Allowance + HRA Allowance + conveyance allowance + entertainment allowance + medical insurance b. Temporary Employee : Salary c. Retailer : Basic Salary + Dearness Allowance + HRA Allowance d. Interns : Stipend
Innovation	Think on some 1-2 innovative features and implement them
Tools and Technologies	Console Application and SQL Server.
Acceptance Criteria	<p>A presentation given by the trainee where</p> <ol style="list-style-type: none"> 1. Demo of the application will be given 2. Explain the components and workflow of the application 3. Challenges and Issues faced and how these were resolved
Timeline	
Unit Testcases	Write Unit test cases for the application