Payroll Application

Create a simple payroll application.

INTERFACE DESIGN

1. **Job title library:** A screen where the user can define new job titles or edit/delete existing ones. A job title will have the following attributes.
   a. Code: A unique code for each job title.
   b. Description: Description for the job title.
   c. Salary: This is the wages/hour for the employees having this job title.

2. **Employee Screen:** A screen where the user can add/ edit/ delete employees. Employees will have the following attributes.
   a. Code: Unique code for the employee
   b. Name: Name of the employee
   c. Job Title: (can choose one job title from the ones defined in the library)
   d. Duration in the company: Number of years the employee has worked in the company.

3. **Calculating Payroll:** A screen where the user can select an employee, select month, select year and enter the total hours worked by the employee in a given month.

REPORTS
   a. Pay slip for an Employee.

These reports can be created using crystal reports or plain HTML reports which can be printed (**This reports are not compulsory, but will be an added advantage**)

RULES FOR PAYROLL CALCULATION

1. Wages / Hour for an employee will be as defined in the job title library.
2. Employee will receive an increment of 10 % every year of the amount defined in the library.
   For E.g. Consider the wages for the job Title 'Sales Manager' is $ 20/hour.
   So for an employee having the job title of a sales manager the salary will be calculated as explained in the below table.

Years with the company	Wages / Hour	Explanation
1	$20	Amount defined in the library
2	$22	20 + (10% of 20)
3	$24.2	22 + (10% of 22)

3. The total salary calculated will be divided into 3 parts.
   a. Basic: 64% of the total salary.
   b. Housing: 24% of the total salary.
   c. Transport: 12% of the total salary.

4. Tax will be applicable only for 'Basic Amount'.

5. 'Transport' and 'Housing' will be excluded from tax calculation.

6. A tax of 30 % will be applicable on the basic amount, on the amount exceeding $1000.
   For e.g. Basic amount = $ 1500
   Taxable amount (amount greater than $1000) = $ 500
   Tax = 30% of 500 = $ 150

Things to Submit

1. Database design mentioning clearly all tables and their relation
2. Documentation – Technical Plus Functionality
3. Application with installation steps (if any)

Allowed Technologies

ASP.NET using VS.NET(C#), Entity Frame work, MVC, Ajax (ASP.NET), Javascript, JQuery, SQL Server

3rd party tools are not allowed