Abstract

HRMS is an employee (Human Resource) management system to allow the organization to uniquely identify and properly classify its employees which may work in a single block or distributed over different branches and departments throughout the world. And also keep record of all the employee who are working and even those who have left the organization.

And besides this, it will also allow the organization to create pay slips for their employees with the component they want to give or deduct from its employee’s salary. And also keep a well maintained record of all the pay slips that have ever generated.

Project Platforms

Front End:

* HTML
* CSS
* JQuery
* JavaScript
* AngularJS

Back End:

* C# (.NET)
* MSSQL (Microsoft SQL Server)
* OData

Methodology

This project is expected to be developed using agile methodology as it provides less strains on the project. Because the project not considered as one big project, instead a collection of many small modules. And also give the client the privilege of seeing what is being built rather than being in complete darkness and only seeing the project once it is complete.

Concepts to be used

MVC Framework:

The Model-View-Controller (MVC) architectural pattern separates an application into three main components: the model, the view, and the controller.

Requirements

Hardware Requirements:

* None.

Software Requirements:

* Any Web Browsers like Mozilla Firefox, Google Chrome, Microsoft Edge, or anything else.

Utility

This project will be very beneficial for the Human Resource Department of an organization. As it will maintain the record of all its employees which are working or have left the organization. And also categories them according to the department in which they work and also the branch where they work with the role they play in the organization.

And besides all this it also generate pay slips with the components the organization required. This feature makes it dynamic as the organization is not bounded by the limited component the developer have built in the application.

And also a security layer to deny unauthorized access and also keep the track of person who is manipulating / adding data of the database. This help to track the person responsible.

Significance

Easy and interactive interface makes it simple even though a lot is going on the back end. It is a REST API based application which makes it secure, dynamic and easily can be expanded over different platforms (like android, iOS).

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