PROJECT REQUIRMENTS

<HRM SYSTEM>

Why choose us for making your Web Application…?

"The most important reason you should choose us is the continuity and the sustainability of your website. We understand the landscape of the Business Community and we develop your website on a non-proprietary platform. What that means is that you can get any developer to come in and maintain the website for you."

Table of Contents

1. Introduction :

Software Design Document , Testing , Deployment And Configuration Management , On an Approach of dynamic uploading images and text content from admin panel,hr panel And user Manual for "HRM SYSYTEM".

2. Front End Language specification

UI LANGUAGE	VERSION
React js	^17.0.2
postcss	^8.4.6
tailwind css	^3.0.23

3. Backend Specification

BACKEND LANGUAGE	VERSION
Node js	16.13.2
Express js	4.17.3
MySQL	5.0. 37

About Project	Project Details

Project Name :	**Human Resource Management System Project in NodeJS**
Project Platform :	NodeJS Framework
Programming Language Used:	NodeJS Language
Development Company :	yasys.co.in
IDE Tool (Recommended):	Sublime, VS Code
Project Type :	Web Application
Database:	MySQL

5. – A Team 4 COMP4321-Dynamic Project Approach

S.No	Teams Members	
1	Requirement Analyst	Er Dilshad azam
2	System Architect	Er Sumit Kumar
3	Development Lead	Er Dilshad azam
4	UI Specialist	Er Shubham kumar
5	Database Administrator	Er Rahul kumar
6	System Administrator	Er Rajiv kumar

8	Project Manager	Er Dilshad azam

8.Security :

"Web security is important **to keeping hackers and cyber-thieves from accessing sensitive information**. Without a proactive security strategy, businesses risk the spread and escalation of malware, attacks on other websites, networks, and other IT infrastructures".

This **HR Management System project in NodeJS MongoDB** focuses on keeping track of the company's workers in particular. In addition, the system shows all of the categories together with their associated information. The system also allows you to manage departments, assets, wages, projects, and more. Obviously, this project has an admin panel as well as an employee panel. An employee has a modest position and power over the system in this web application's overview. He or she may manage personal profiles and access projects and tasks that have been allocated to them. An employee can complete his or her leave application here by filling out the essential information. All leave applications are forwarded to the administration for approval. The administrator, on the other hand, has the authority to set up an employee's account. By default, the system saves these users' login information as their phone numbers.

Admin Panel and Employee Management System in NodeJS

The system is completely under the control of an administrator. He or she has the ability to handle users, departments, designations, salaries, and other things.

Each section contains its own set of details, such as a name and other significant information, which is a sort of required field. In order to complete their separate staff members, an administrator must first set up distinct departments and designations. Second, the user must keep track of workers' departments, titles, and other pertinent information. In reality, there are several fields that must be completed by the administrator or employee. These areas include information such as their address, experience, banking information, social media handles, income information, and more. To be honest, the entire system works and is more than just an employee or payroll management system. Because it has a lot of vital characteristics.

Attendance Management System Features

Because each organization or corporation must have its own attendance system, this project also includes a basic attendance system. The administrator may easily create a bulk or single attendance sheet to keep track of staff members' attendance. To be more specific, the user must choose one of the available workers, establish their check-in/out time, and work locations. As a consequence, the system estimates their total working hours automatically. In addition, the administrator has access to a list of all attendance as well as a report on attendance. The user must first enter months and then choose an employee. An employee, on the other hand, does not have access to or control over his or her own attendance report. All of these controls, in other words, are in the hands of the administrator alone.

Employee Leave Management System Description

One of the important components of the human resource system is the employee leave management system. As previously stated, an employee can submit a

leave request via their personal account. The only difference is that an admin has control over their approval status. An administrator may simply view their leave subject, reason, and total length on this page. After then, the user must either approve or refuse the leave request. The employee, as well as admin members, may get a quick summary of each employee's leave history. In reality, the system allows you to get a sum of each employee's remaining vacation days. Furthermore, the administrator has the option of processing the leave application form by selecting any of the workers. This section completes the overall meaning of the employee leave management system by including its most important features into the system.

- Manage Employee Panel
- Employee Management System
- Manage Admin Panel
- Employee Attendance System
- Employee Leave System

PROJECT TIME ESTIMATION

+ Project blueprint 15 hours
+ Project features documentations for UI 12 hours
+ Project features documentations for Backend 16 hours
+ Database design 6 hours
+ Data flow diagram 10 hours
+ Software Testing 30 hours

Fronted : 124 hours

Backend: 146 hours

Total time : 359 hours

Month : 03

(It may be increase due to health issue of developers)

Estimate amount for these features : 61,850/-

Note:- yasystem will not provide server and Domain If client needs then charges will be introduced..as per current dollar rate .

If any features will be added then as per the feature charges will be added.

Meetings: if we need any discussion then we will connect on mail, calls, or webcam.
Time for meetings : 7:30 pm between 10 pm (monday to saturday)
                            11:00 am between 5 pm (sunday)

On every sunday we will update the website and links will be shared with the client so that you can track the level of our project development progress.

Thank you for connecting yasystem.