HR MANAGEMENT SYSTEM

Submitted By

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Chetan A Cholachagudda

Introduction

The Human Resource Management System (HRMS) aims to manage employee's information. HRMS is the most important because it provides systematic and accurate information about the employees of the organization. So HRMS objective are as following:-

1. Manage the recruitment of a workforce.

2. Track development related to employees.

3. It provides reports on period-to-period details of employees.

4. Give training program and information to all new employees.

5. Improving manpower plan and the effective utilization of manpower across the organization.

7. Manage Audit logs.

Objective

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the most important because it provides systematic and accurate information about the employees of the

organization.

So HRMS objective are as following:-

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3.It provides reports on period-to-period details of employees.

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5.Improving manpower plan and the effective utilization of manpower across the organization.

6.Track leave of employees.

7.Manage Audit logs.

Feasibility Study

The feasibility of software can be tested in four dimensions:

Technical Feasibility

Since the project uses reliable tools like open source technology like Angular , Java Spring Boot. the system can be implemented efficiently without any issues. The trio of this technology can efficiently handle data, requests and also create user friendly applications. Hence this project has a good technical feasibility.

Time Schedule Feasibility

The project involved to be developed consists of total four different modules hence it is quite tedious to manage but considering that there are sufficient human resources available, it is feasible to develop the application in the allotted duration. And if the requirement changes, according to it duration will be changed.

Operational Feasibility

How the project will work and who will use it, all such concerns arise in this phase. We have to study the existing system's problem, and is it worth solving or not. This Project will save a lot of time and effort of a user to analyze the employee information and also provide additional functionality. Hence it is operationally feasible.

Implementation Feasibility

The requirements mentioned above can be fulfilled using various technologies available. Angular, and Java spring Boot. the implementation of the project is feasible.

Software Requirement Specification. (SRS):

Hardware/Software Requirements

Hardware Requirements

- ➢ **Hard Disk : 200 GB or more**
- ➢ **RAM : 4GB or more**
- ➢ **Processor : Pentium 4 or more**

Software Requirements

- ➢ **Visual studio Code (for front end Angular design)**
- ➢ **Eclipse IDE (for back end design Java and Spring Boot)**
- ➢ **HiediSQL (MySqL).**
- ➢ **Apache Tomcat server**

Non-Functional Requirements

Performance Requirements

The application is meant for extensive use by the organization and aims at 99% uptime. Availability may be negatively impacted by a variety of events including, but not limited to, user error, hardware failure, external system events, unavailability of support personnel, etc.The system is compatible with all workstations that fulfill the minimum system requirements. It is able to fulfill requirements simultaneously using duplicated rather than shared resources. The cost of ownership of the system is reasonably low, as it is based on a strong open-source platform. This costs only amount to the net cost of system installation and maintenance, and provision of training to its users.

Safety Requirements

A regular backup of all databases associated with the system must be performed in order to prevent loss of information. A weekly backup is recommended. Please contact the Server administrator for more details regarding backup procedures.

Security Requirements

All privacy matters are determined according to the HRMS Privacy Policy which contains

clauses regarding User Identity Authentication.

Software Quality Attributes The application can flexibly operate under any kind of organization structure and employee hierarchy. In-spite of the possibility of certain bugs, the application is quite robust in nature and allows the users to detect and solve most problems by themselves. From the point of view of the organization's administrators, the application is quite easy to install, deploy, operate and maintain. The system is also able to audit each and every user action that results in database access (read or write). Examples include: add/edit administrative data, user login, query, distribution, and so forth. Besides, it can be ported to different platforms with several available

customizations and plug-ins. The system is capable of scalability to increasing numbers of users, transactions, etc. Yet, the use of the system in a different context other than what it is meant for is not recommended.

Screenshots

Home Page
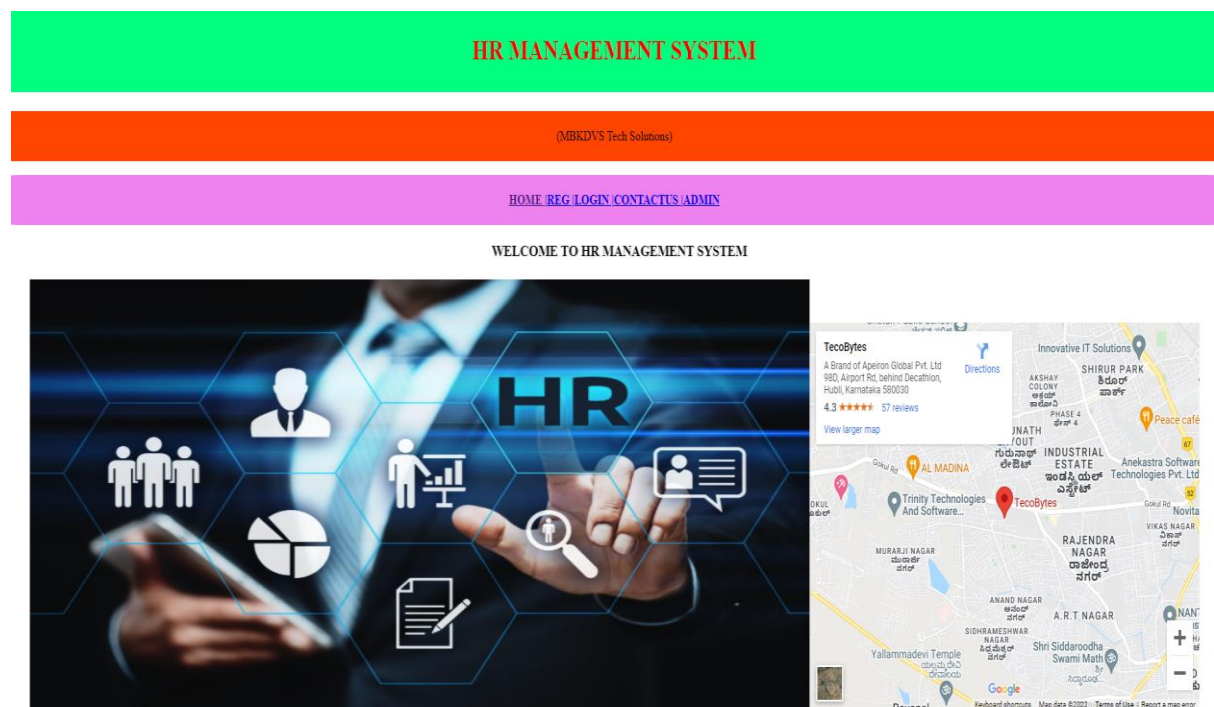
Registration Page

WELCOME TO HR MANAGEMENT SYSTEM

EMPLOYEE REGISTRATION

Employee ID | Enter your Employee ID

Enter your Name | Enter your Name

Email | Enter your Email

Password | Enter your Password

Address | Enter your Address

Department Name | Enter Department Name

Qualification | Enter your Qualification

Register

Employee Login Page

HR MANAGEMENT SYSTEM

(MBKDVS Tech Solutions)

HOME |REG |LOGIN |CONTACTUS |ADMIN

EMPLOYEE LOGIN

Enter EMPLOYEE ID

Password

LOGIN

Admin Page

(MBKDVS Tech Solutions)

HOME |REG |LOGIN |CONTACTUS |ADMIN

ADMIN LOGIN

Enter ID

Password

LOGIN

Designed By: Cheran A Chalushegudala

Inside Admin Page

HR MANAGEMENT SYSTEM

(MBKDVS Tech Solutions)

DELETE_EMPLOYEE |SEARCH_EMPLOYEE |LOGOUT

WELCOME TO ADMIN PANEL

Contact Us Page

(MBKDVS Tech Solutions)

HOME |REG |LOGIN |CONTACTUS |ADMIN

Contact Now...!

For any related query on web application, software development, custom application requirement, contact us via mail, call or else just fill up the form

Contact Us

chetanac762@gmail.com (not shared) Switch account

* Required

Name *

Future Scope of Improvements

Thus a human resource information system can be viewed as a comprehensive tool for both big and small businesses for streamlining their departmental activities of various natures like human resource, accounting, and management and employee payroll. The Human Resource Information system can thereby bring qualitatively and cost-effective solutions to the company via efficiently managing the tasks, timely controlling and monitoring of resources and also the real-time allocation of necessary resources to the employees.

In most situations, a Human Resource Information System mediates for better decision making bringing qualitative changes in the productivity of both employees and managers. There are numerous solutions offered by the Human Resource Information System to a company. To name the few the HRIS includes employee training, employee payroll, HR, compliance, and recruiting.

One of the prominent advantage in getting implemented with a Human Resource Information System is that the HR Administrator can save a lot of his hours for the strategic framework of their employees rather than dealing with non-strategic, mundane tasks which are demanded running the administrative side of HR. As the software automatically updates every task within the department, the HR Administrator can plan his time accordingly for the strategic utilization of the employees.

An HRIS software helps the HR professionals insert all the necessary data into the system using their robust database. Also, the inserted information is made accessible round the clock. There are several types of data that HR professionals can collect and store in the database like that of compensation history, emergency contact information, employee biography, performance and much more making it an all-inclusive platform.

Bibliography

- www.Google.com

- www.wikipedia.com

- www.stackoverflow.com

- www.studymafia.com

Code

Home Page

```html
<marquee><h3 >WELCOME TO HR MANAGEMENT SYSTEM </h3>
</marquee>

<img src="assets/images/ad.jpg" alt="aa" />
```

```html
<iframe
src="https://www.google.com/maps/embed?pb=!1m14!1m8!1m3!1d15389.
95599949623!2d75.1048745!3d15.3499809!3m2!1i1024!2i768!4f13.1!3m3!1
m2!1s0x0%3A0x35c1dcc7e7434a31!2sTecoBytes!5e0!3m2!1sen!2sin!4v164
6995857284!5m2!1sen!2sin" width="600" height="450"
style="border:0;" allowfullscreen="" loading="lazy"></iframe>
```

```html
<br /><br />
```

```html
<footer>

    <h6>Designed By Chetan A Cholachagudda Under the guidence of
Edubridge Learning </h6>

</footer>
```

Registration page code

```
<marquee><h3 >WELCOME TO HR MANAGEMENT SYSTEM </h3>
</marquee>

<div align="center">

<h3 style="color: rgb(134, 13, 84);">EMPLOYEE REGISTRATION</h3>


<form>

   Employee ID <input type="text" name="empid" placeholder="Enter your
Employee ID">

   <br /> <br />

   Enter your Name <input type="text" name="Name" placeholder="Enter
your Name">

   <br /> <br />

   Email <input type="Email" name="email" placeholder="Enter your Email">

   <br /> <br />

   Password <input type="password" name="emppassword"
placeholder="Enter your Password">

   <br /> <br />

   Address<input type="text" name="address" placeholder="Enter your
Address">

   <br /> <br />

   Department Name <input type="text" name="dept" placeholder="Enter
Department Name">

   <br /> <br />
```

```html
      Qualification <input type="text" name="qualification" placeholder="Enter
your Qualification">

      <br /> <br />

      <input type="submit" value="Register"><br /> <br />

</form>

</div>

<br /> <br />

<img src="assets/images/b.jpg" alt="aa" />


<footer>

   <h6>Designed By Chetan A Cholachagudda</h6>

</footer>
```

Employee login page code

```
<div align="center">



    <br /><br />

    <h3 style="color: brown;">EMPLOYEE LOGIN</h3>

  <form>

      <input type="text" name="adminloginid" placeholder="Enter
EMPLOYEE ID">

      <br /> <br />

      <input type="password" name="adminpassword"
placeholder="Password">

      <br /> <br />

      <input type="submit" value="LOGIN">

    </form>

</div>

<img src="assets/images/pp.jpg" alt="aa" />
```

```html
<footer>

  <h6>Designed By Chetan A Cholachagudda</h6>  </footer>
```

Navigation Bar Code

```html
<div align="center">

  <b>

    <a [routerLink]="'/home'" *ngIf="!islogIn()">HOME |</a>

    <a [routerLink]="'/reg'" *ngIf="!islogIn()">REG |</a>

    <a [routerLink]="'/userlogin'" *ngIf="!islogIn()">LOGIN |</a>

    <a [routerLink]="'/contactus'" *ngIf="!islogIn()">CONTACTUS |</a>


    <a [routerLink]="'/adminlogin'" *ngIf="!islogIn()">ADMIN </a>


    <a [routerLink]="'/#'" *ngIf="islogIn()">DELETE_EMPLOYEE |</a>

    <a [routerLink]="'/#'" *ngIf=" islogIn()">SEARCH_EMPLOYEE |</a>

    <a [routerLink]="'/#'" (click)="logout()" *ngIf=" islogIn()">LOGOUT </a>

  </b>


</div>
```

Contact Us Page Code

\<h2\> Contact Now...! \<h2\>

    \<p\> For any related query on web application, software development, custom application requirement, contact us via mail, call or else just fill up the form \</p\>

    \<iframe src="https://docs.google.com/forms/d/e/1FAIpQLSdGATK5cN_yoMuHq9I359qXxk4-jmp0tuDx5q7KDX_CwJXtAQ/viewform?embedded=true" width="700" height="520" frameborder="0" marginheight="0" marginwidth="0"\>Loading…\</iframe\>

Admin login page code

<h3>WELCOME TO ADMIN PANEL </h3>

<footer>

   <h6>Designed By Chetan A Cholachagudda</h6>

</footer>