

Human Resource Management System

❖ Functional Requirements

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HRMS Portal:

This project aims to build an Employee management system that consolidates all the relevant information on a company's human resources.

Employees can register themselves to login into the application and add or update their information. Employees are only allowed to update their information. They will not have privileges to delete the data.


HR (Admin) is only allowed to add new employee, edit the entire details of the employee & delete the employee.

1. Registration screen:

User will be able to register by clicking the register link from login screen. On successful submit, data should be inserted into the database

Below are the fields for Register page.

Fields	Validations	Comments
First Name	Required Alphabets only	
Last Name	Required Alphabets only	
Email	Required Email validation	Email will be a username for login So we have to provide a small instructional message saying – your email will be a username.
Password	Required 10 characters 1 uppercase 1 number 1 special characters	


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Sign Up

First name

Last name

Email address


Password

[SIGN UP](#)

2. Login Screen:

Login page is for user to login into the application:

Fields	Validations	Comments
Email	Required Email validation	
Password	Required	


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Log in


SIGN IN

3. Employee – Profile page:

After login employees will be able to see the details provided by the HR, and they can edit their details.

Fields	Validations	Comments
Employee ID	Required Alphanumeric	
Title	Optional	Mr/Mrs/Ms. etc.
First Name	Required Alphabets only Length - 15	
Middle Name	Optional Alphabets only Length - 15	
Last Name	Required Alphabets only Length - 15	
Email	Required Email validation	Email will be a username for login So we have to provide a small instructional message saying – your email will be a username.
ID Type	Drop down list- 1. Passport 2. Aadhar Card 3. Driving License 4. Voters Id	

	5. Pan Card	
ID number	Required	
Mobile Number	Required Numeric	
Address	Required 200 characters	
City	Required 15 characters	
State	Required Dropdown	
Country	Required Dropdown	
Employment Details		
Name of the Organization	Required Alphanumeric, we can also special characters as well. Fix the length to 100	
From Date	Required Date picker Shouldn't be greater than today	
To Date	Required Date picker Shouldn't be lesser than From Date	
Designation/Role	Required Textbox	
Skills	Required (at least one) Textarea to add multiple skills	Eg: Angular, Java, .Net, Testing, Designing
Current CTC	Required Numeric	
Total Experience	Required	



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Employee Profile

Name

jones Allen

Phone number

+61

Mobile number

+61

Email

jonesallen@test.com
[Change email](#)

Relationship


Adviser

About


Update

4. About Page:

About page is a static page, which will have information about the company. You can add some content about the organization, what are all the services provided by the organization.



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About Us

Chattanooga has been called the "Dynamo of Dixie" and has a rich history of entrepreneurship and philanthropy. Chattanooga is on a roll with the recent string of billion dollar investments in the area by multi-national companies such as Alstom, Volkswagen, Wacker and Amazon. Coupled with the rich technological environment including the computational Simulation Center at UTC and the EPB powered citywide gigabit fiber network, Chattanooga is poised for growth. The only missing piece was a formalized network of capital

5. Company services page:

In Company policy page, add some information about the policy followed by the company, add the holiday list for 2021. This is a static page


6. Admin User Actions:

6.1 Register Employee:

Admin user will have privileges to add a new employee by clicking the Register employee link.

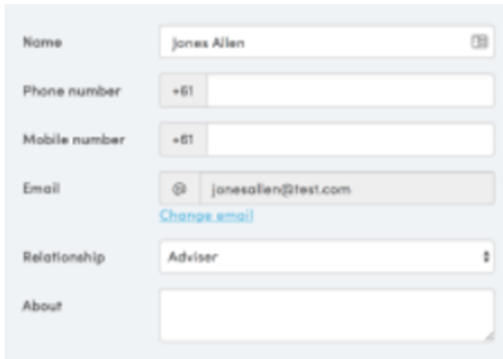
Fields	Validations	Comments
Employee ID	Required Alphanumeric	
Title	Optional	Mr/Mrs/Ms. etc.
First Name	Required Alphabets only Length - 15	
Middle Name	Optional Alphabets only Length - 15	
Last Name	Required Alphabets only Length - 15	
Email	Required Email validation	Email will be a username for login So we have to provide a small instructional message saying – your email will be a username.
ID Type	Drop down list- 1. Passport 2. Aadhar Card 3. Driving License 4. Voters Id 5. Pan Card	
ID number	Required	
Mobile Number	Required Numeric	
Address	Required 200 characters	
City	Required 15 characters	
State	Required Dropdown	
Country	Required Dropdown	

Employment Details		
Name of the Organization	Required Alphanumeric, we can also special characters as well. Fix the length to 100	
From Date	Required Date picker Shouldn't be greater than today	
To Date	Required Date picker Shouldn't be lesser than From Date	
Designation/Role	Required Textbox	
Skills	Required (at least one) Textarea to add multiple skills	Eg: Angular, Java, .Net, Testing, Designing
Current CTC	Required Numeric	
Total Experience	Required	


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Employee Profile

Only visible for Admin



Update

6.2 Search Employee – Only for Admin

When user logged in as Admin, default page will be search page, where user will be able to search employees using employee ID.

Employee ID	Employee First Name	Skills	Exp.	City	Salary	Edit	Delete

After entering the employee ID and when we click on search button – search results will be pulled from database based on the employee id provided. Data will be displayed in the table.

HRMS

Home About Company Services Register Employee Search

Search Employee

Employee ID:

Search


Only visible for Admin

Name	Position	Office	Age	Start date	Salary
Ain Salisu	Accountant	Tokyo	33	2008/11/28	\$162,700
Angelica Ramos	Chief Executive Officer (CEO)	London	47	2009/10/09	\$1,200,000
Ashley Cox	Junior Technical Author	San Francisco	66	2009/01/12	\$86,000
Bradley Greer	Software Engineer	London	41	2012/10/13	\$132,000
Brenden Wagner	Software Engineer	San Francisco	28	2011/06/07	\$204,850
Brielle Williamson	Integration Specialist	New York	61	2012/12/02	\$372,000
Bruno Nash	Software Engineer	London	38	2011/05/03	\$163,500
Caesar Vance	Pre-Sales Support	New York	21	2011/12/12	\$106,450
Cara Stevens	Sales Assistant	New York	46	2011/12/06	\$145,600
Cedric Kelly	Senior Javascript Developer	Edinburgh	22	2012/09/29	\$433,060

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6.3 Edit Employee:





















When admin click on the edit link will be redirected to edit page where admin will be able to edit the employee information and save the changes. Edit page design is same as Register employee page design.


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Search Employee

Employee ID:

[Search](#)

Name ↑	Position	Office	Age ↑	Start date	Salary	
Ari Satou	Accountant	Tokyo	33	2008/11/28	\$162,700	 
Angelica Ramos	Chief Executive Officer (CEO)	London	47	2009/10/09	\$1,200,000	 
Ashlon Cox	Junior Technical Author	San Francisco	66	2009/01/12	\$86,000	 
Bradley Greer	Software Engineer	London	41	2012/10/13	\$132,000	 
Brenden Wagner	Software Engineer	San Francisco	28	2011/06/07	\$206,850	 
Brielle Williamson	Integration Specialist	New York	61	2012/12/02	\$372,000	 
Bruno Nash	Software Engineer	London	38	2011/05/03	\$163,300	 
Caesar Vance	Pre Sales Support	New York	21	2011/12/12	\$106,450	 
Cora Stevens	Sales Assistant	New York	46	2011/12/06	\$145,600	 
Cedric Kelly	Senior Javascript Developer	Edinburgh	22	2012/03/29	\$433,060	 

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Edit Employee

6.4 Delete Employee:

Delete action is used to delete the employee record from the system. For deleting there record, only admin user will have delete privileges. When user click deletes, a popup should appear to confirm the deletion.

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Search Employee

Employee ID:

Delete Employee

Confirmation

Are you Sure to delete this item?

Name						
Ari Setio						\$2,700
Angelica Ramos						\$6,000
Ashton Cox						\$000
Bradley Greer						\$2,000
Brenden Wagner	Software Engineer	San Francisco	28	2011/06/07		\$204,850
Brielle Williamson	Integration Specialist	New York	61	2012/12/02		\$372,000
Bruno Nash	Software Engineer	London	38	2011/05/03		\$163,500
Caesar Vance	Pre-Sales Support	New York	21	2011/12/12		\$106,450
Cara Stevens	Sales Assistant	New York	46	2011/12/06		\$145,800
Cedric Kelly	Senior Javascript Developer	Edinburgh	22	2012/03/29		\$433,060

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