

EMPLOYEE MANAGEMENT SYSTEM

Use Case : Leave Tracker

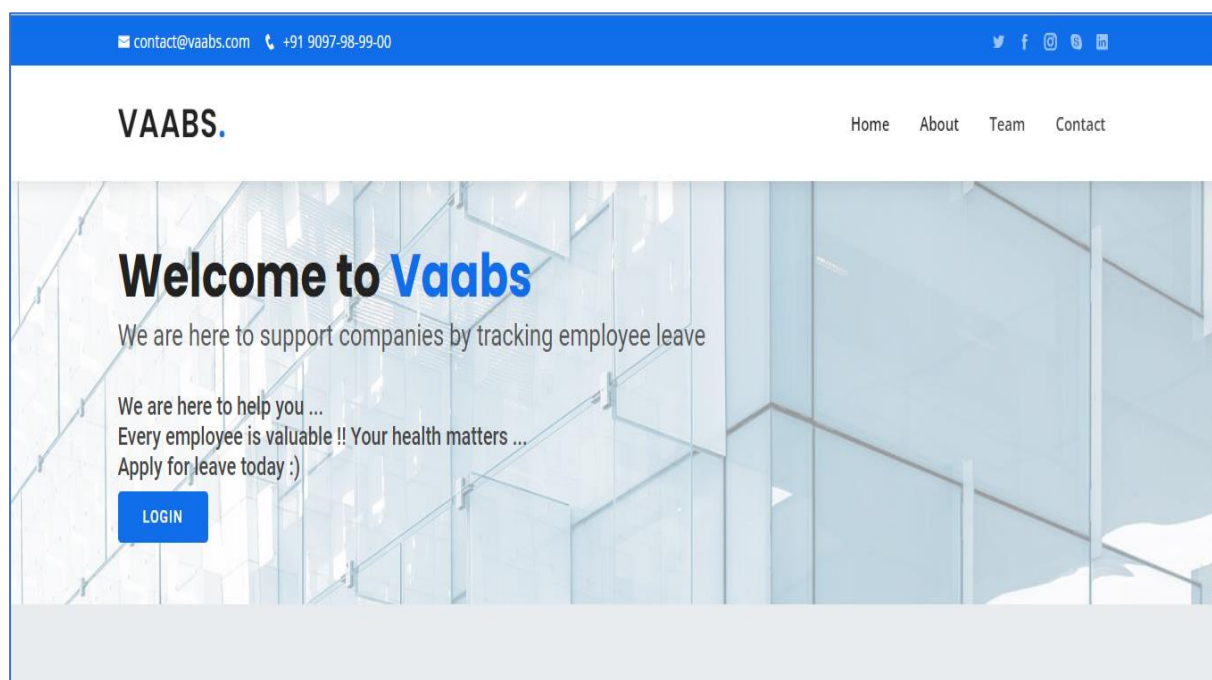
Front End Development:

Developed a client based Angular Application named Employee Management System, which is used to allow the users for login ,registration, view and applying a leave .It is a single page application where only part of the page is loaded completely.

Requirement Specification:

Once the application is loaded the first screen appeared as shown below:

Employee Management System : Home Page

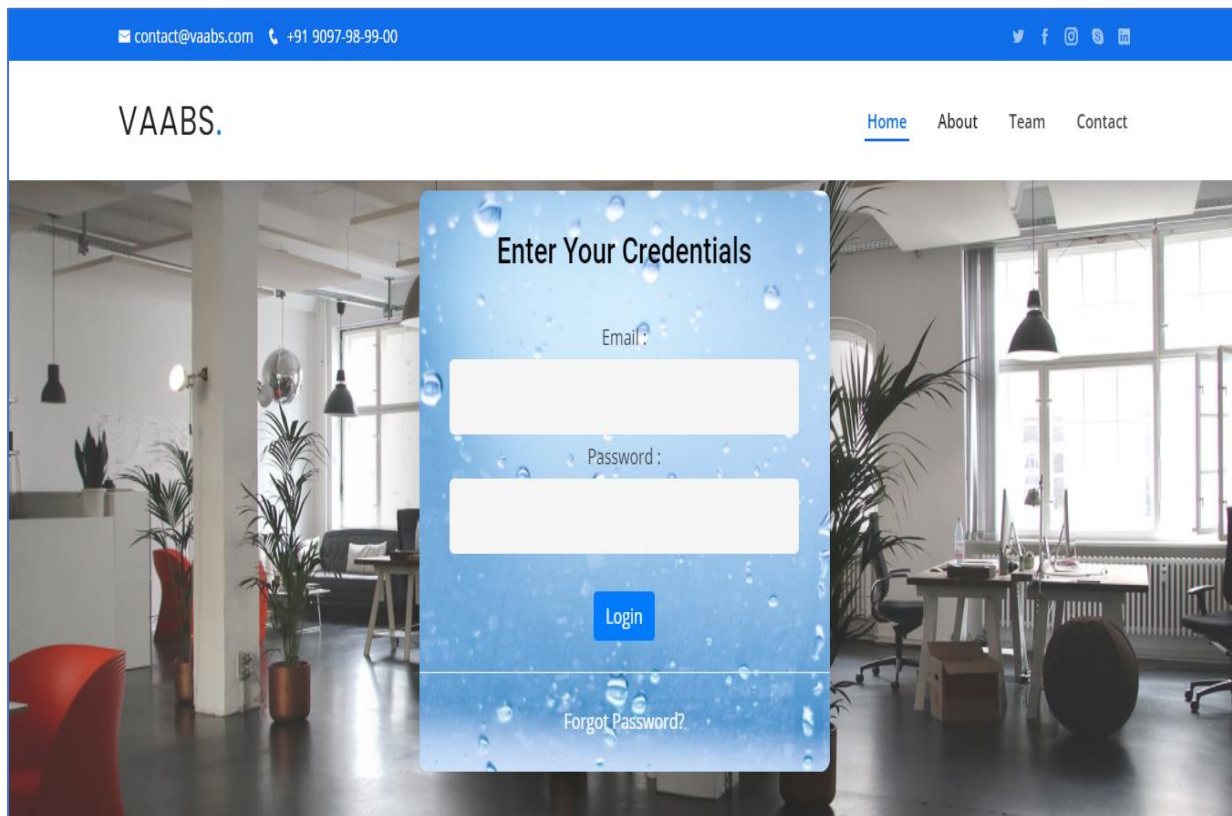


From the Above page we can able to see the following Activities performed:

- There is a navbar which provides links for other pages like Home, Team , About, Contact.
- By Clicking on the Login the Login page opens, there user enters the login details. After Successful login it will redirect to the other pages like(Employee Homepage, Manager Home Page etc.)

- If the username and Password is incorrect it will redirect to the Homepage.
- Employees Who have not applied leave for a month that employees will receive extra bonus of 10,000/- will be displayed.
- About-us page is opened by clicking on the About-us button. In this page information regarding services provided by employee management system.

Login page is shown below:



Login page of MANAGER:

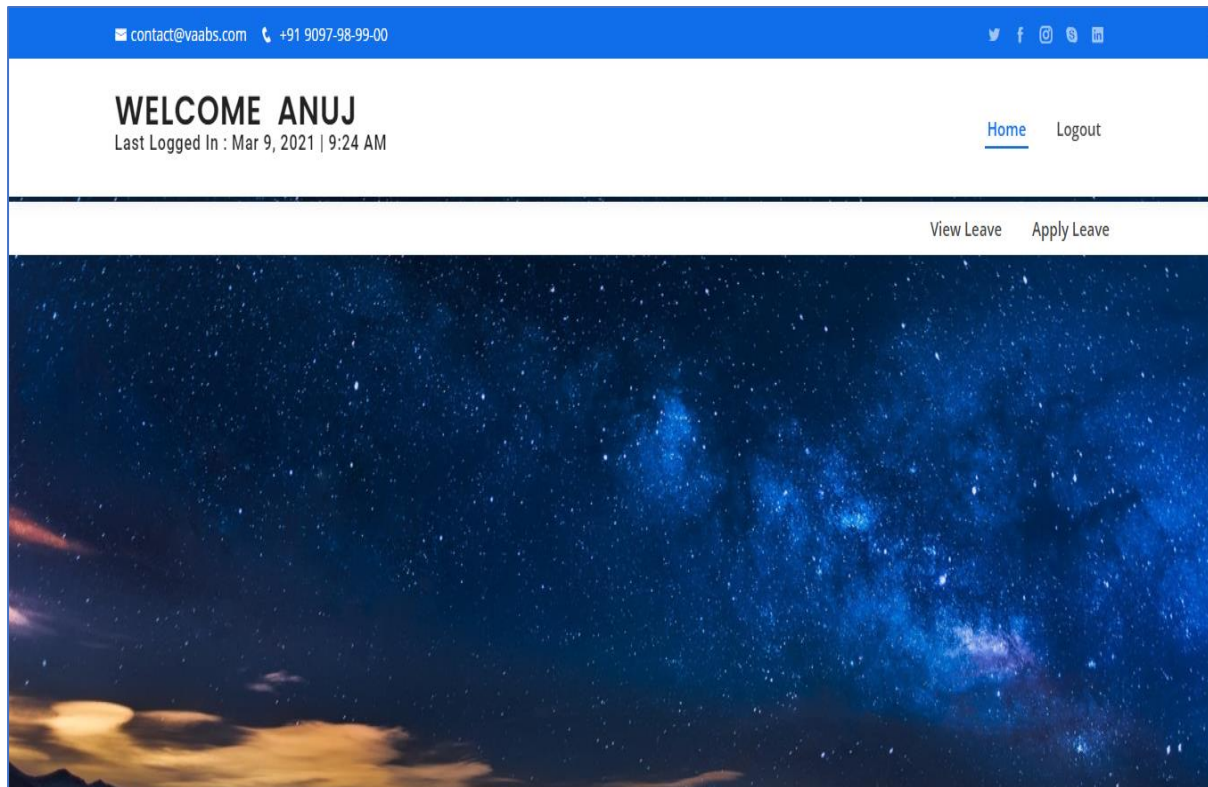
If the user is Manager then by entering the appropriate credentials like 'emailId' and 'Password' in the login details the Login page redirect to the "ManagerHome" page. There we can see all the details of employee and other related details.

Login page of EMPLOYEE:

If the user is Employee then by entering the appropriate credentials like 'emailId' and 'Password' in the login details the login page redirect to the "EmployeeHome" page. In this page employee can apply for leave and consists of other leave related information.

Employee Home Page

The Employee Home page is shown below: if the user is employee



This Employee home Page consists of buttons like “Apply Leave”. On Clicking the Apply Leave button the page will redirect to the ‘ApplyLeavePage’. This page consists of application form for applying leave. The employee has to fill the all required details in the form like leaveId, leaveType, applyLeavefromDate, applyLeavetoDate and ReasonForApplying Leave.

Apply Leave Form:

contact@vaabs.com +91 9097-98-99-00

WELCOME ANUJ
Last Logged In : Mar 9, 2021 | 9:24 AM

Home Logout

View Leave Apply Leave

Apply Leave

Your Available Leave : 2

Employee Id :
7

Select from Date
dd-mm-2021

Select till Date
dd-mm-2021

leave a comment here (:

Select Leave Type
▼

Apply Leave

After filling the apply leave form there is button named “Apply Leave” by clicking this Employee can apply for leave. This Approval is updated in the leave Details table which consists of leave Status of the employee as “Applied”.

After Applying Leave:

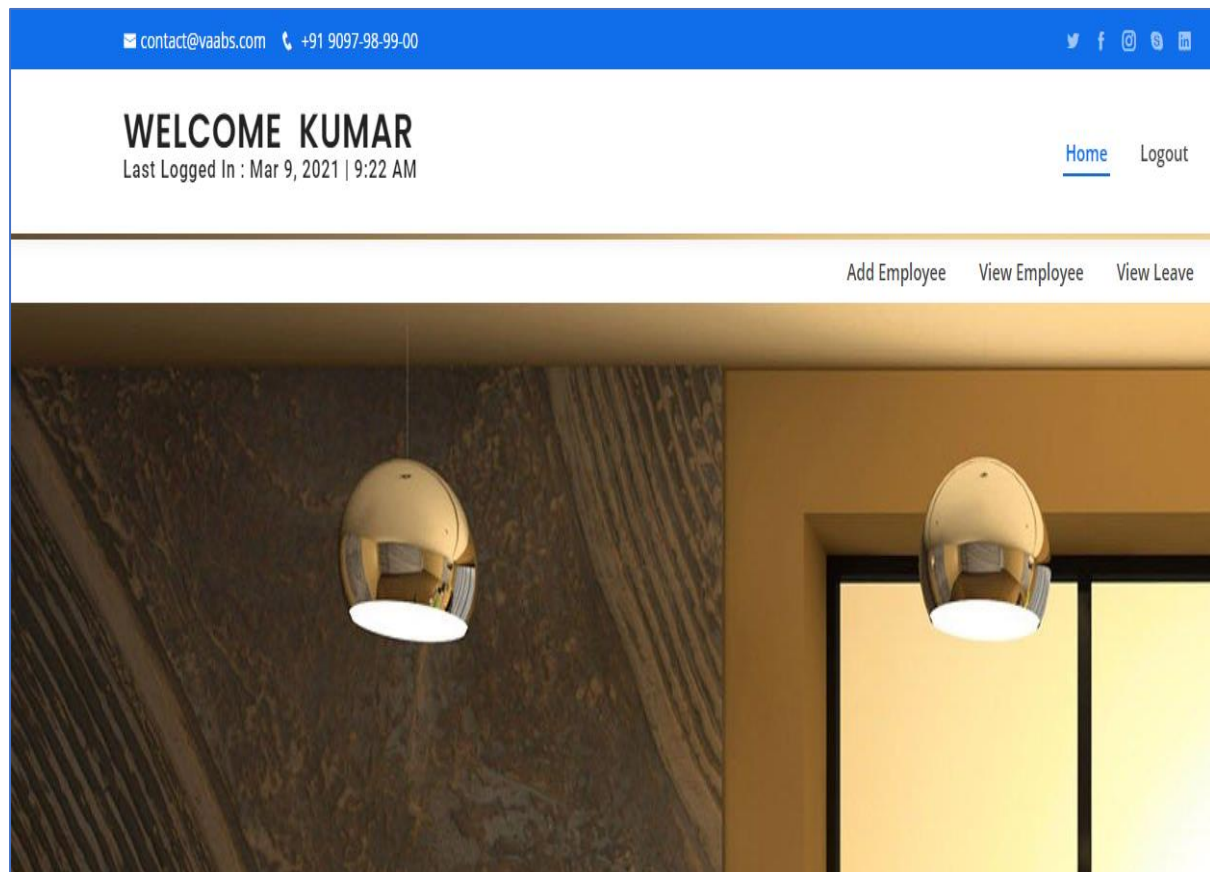
After Applying leave. Available Leaves will be updated and displayed on Employee Home Page.

For Cancel Leave Employee should click on Cancel Button so that applied leave will be deleted.

Logout Button is for logging out of session and it will be redirected to Home Page

Manager Home page:

The Manager Home page is shown below: if the user is manager



- Manager home page consists of the buttons like 'Add Employee', 'ViewEmployeeDetails', 'ViewLeaveDetails' and the 'LogOut'.
- If the Manager wants to add a new employee then by clicking on the "AddEmployee" button the page is redirected to the 'CreateEmployee' page.
- If the Manager wants to view the all details of the employee then click on the button "ViewEmployeeDetails" the page is redirected to the 'EmployeeDetails' page.
- If the Manager click on the button "ViewLeaveDetails" then it will redirect to the 'LeaveDetails' page.
- At the top there is one button named "Logout" by clicking on this it will leave the Manager home page and redirected to the home page.

Add Employee Page:



The screenshot shows a web form titled "Enter Employee Details" with a light orange background. The form contains the following fields and controls:

- Employee Id:** A text input field with the placeholder "Enter EID".
- First Name:** A text input field with the placeholder "Enter First Name".
- Last Name:** A text input field with the placeholder "Enter Last Name".
- Age:** A text input field with the placeholder "Enter Age".
- Phone Number:** A text input field with the placeholder "Enter Phone Number".
- Email:** A text input field with the placeholder "Enter Email".
- Password:** A text input field with the placeholder "Enter Password".
- Gender:** Radio buttons for "Male" (selected) and "Female".
- Role:** Radio buttons for "Employee" (selected) and "Manager".
- Address:** A text input field with the placeholder "Enter Address".
- Create Employee:** A blue button at the bottom center of the form.

Create Employee page consists of the details like Employee Id, First name, Last name, Age, Gender, email, Password, Role, Address, Phone Number etc. and below these details there is a button named "CREATE EMPLOYEE". On clicking this button the employee record is created in the Employee Details.

Here While entering details it will be validated for every input field

- For Employee Id Length should not be more than 5 digits
- For Email Should contain @ and .(dot) After .(dot) at least 2 characters are mandatory.
- Age should not be less than 18 and more than 60
- Password should contain atleast 8 characters In that one Upper Case , one Lower Case,One Special Character and one Digit.
- Phone number should contain atleast 10 digits and not more than 10 digits

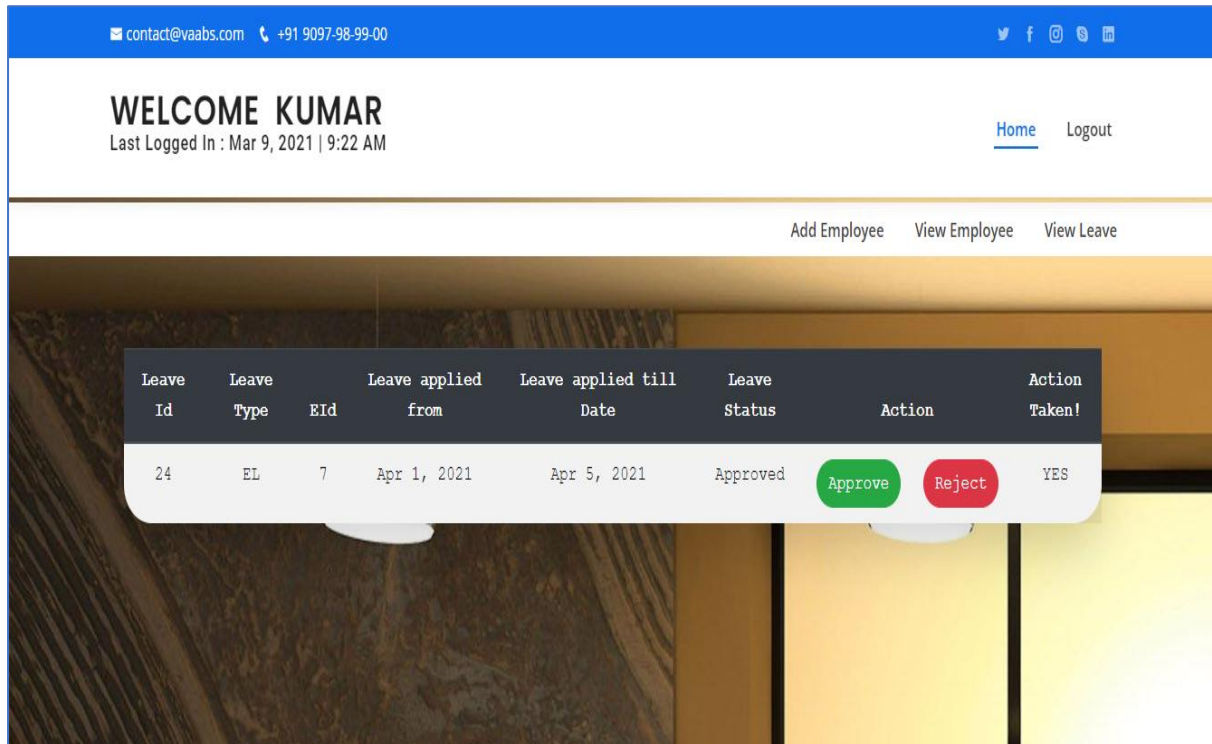
View Employee Details page:

Employee Id	First Name	Email	Available Leave	Role	Contact	Address	Action
123	SAURAV	ABC@DEF.GH	24	MANAGER	9097536375	BANGALORE	<button>Edit</button> <button>Delete</button>
7	ANUJ	ANUJ@GMAIL.COM	2	EMPLOYEE	9148271956	BHAGALPUR	<button>Edit</button> <button>Delete</button>
456	KUMAR	KUMAR00914@GMAIL.COM	24	MANAGER	9097536373	BUXAR	<button>Edit</button> <button>Delete</button>
21	VINIT	VINIT@GMAIL.COM	24	EMPLOYEE	9939232376	RANCHI	<button>Edit</button> <button>Delete</button>

On clicking the 'View Employee Details' the Employee list will be displayed in the Employee Details page. The employee list consists of the table of database like Employee Id, FirstName, Last Name, Age, Email, Gender, Address, Role, Available Leave. This table also consists of two buttons named 'Edit', 'Search' and 'Delete'.

- When we click on 'Edit' on a particular Employee the page is redirected to the Edit Employee page. There we can see the form for updating the details like FirstName, Last Name, Age, Gender, Email, Address, Phone number. Below these details there is a button named "Update Employee" on clicking this button the Employee is Updated in the database table of Employee list.
- When we click on 'Delete' on a particular Employee the entire record will be deleted in the database table.
- We can able to search for one particular employee based on Employee Id.

View Leave Details Page:



This page consists of employee leave details in the database table like leave Id, leave Type, Leave Applied from Date, Leave Applied to Date and Leave Status, Action and Action Taken.

This database Table also consists of two buttons for each row named as “Approve” and “Reject”.

- If the manager wants to approve a leave to the employee who has been applied for leave ,then by clicking on the “Approve” the employee record is updated as ‘Approved’ in the leave details.
- If the manager wants to reject a leave to the employee who has applied for leave, then by clicking on the “Reject” the employee record is updated as ‘Rejected’ in the leave details.

After Clicking on Approve:

The manger will approve the leave by clicking on the approve button, before approving the Action taken is “No”, after Approving the Action taken is updated as “Yes”.

After Clicking on Reject:

Once Manager taken action (reject / approve) then manager has no chance to approve/reject the leave.

By clicking on 'Log out' it will redirect to the home page.

View Leave by Employee:

Here employee can take an action as "Cancel leave". So the leave applied will be deleted.

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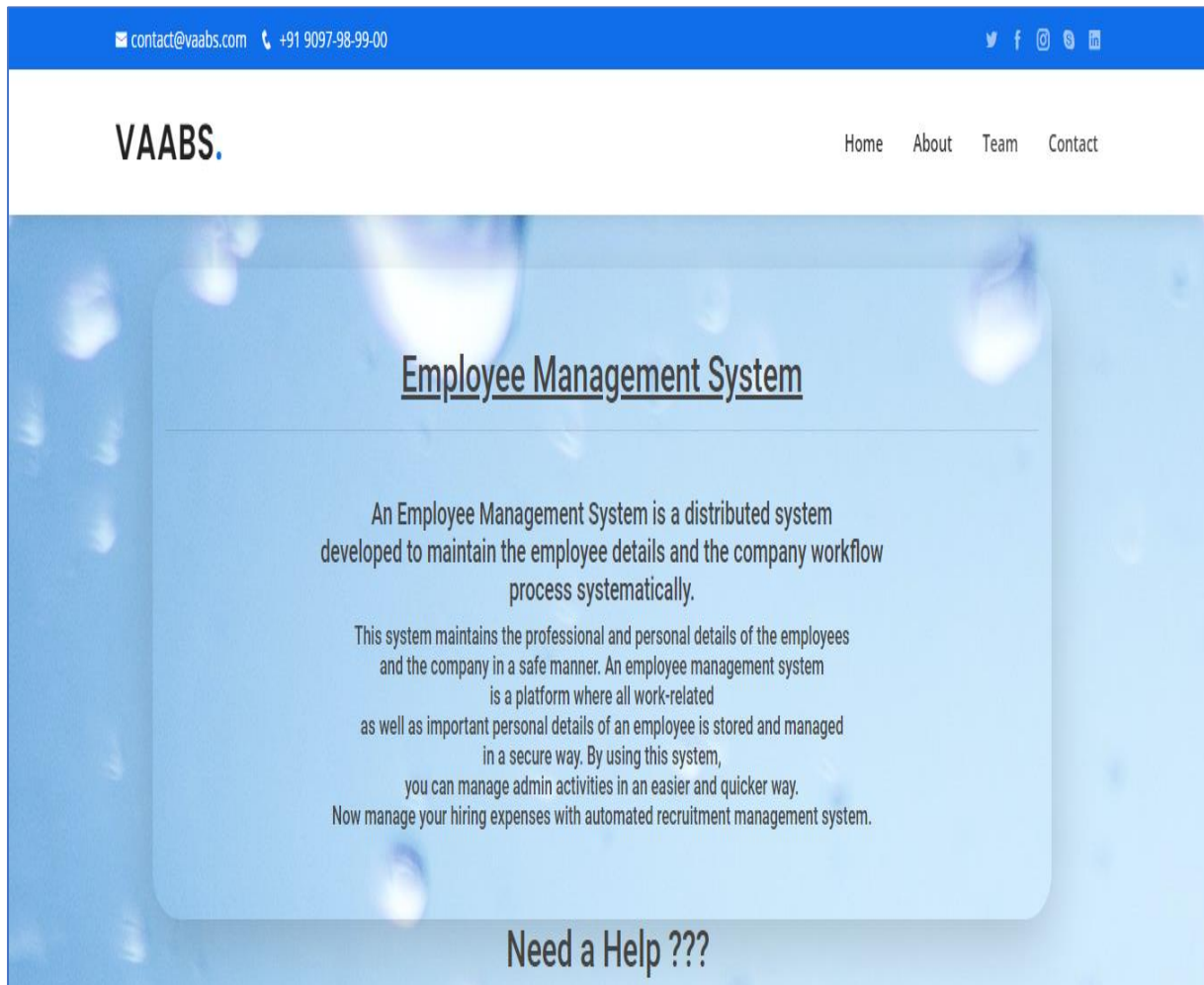
Home Logout

View Leave Apply Leave

Leave Type	Leave applied from	Leave applied till Date	Leave Status	Action
EL	Apr 1, 2021	Apr 5, 2021	Approved	Cancel Leave

About-us:

Here Our Team Details will be displayed for help...



Page not found:

If the user enters invalid url then it will display the below page not found.

