# **SYSTEM DESIGN**

#### 5.1 SYSTEM ARCHITECTURE DESIGN:

#### 5.1.1 ER Diagram:

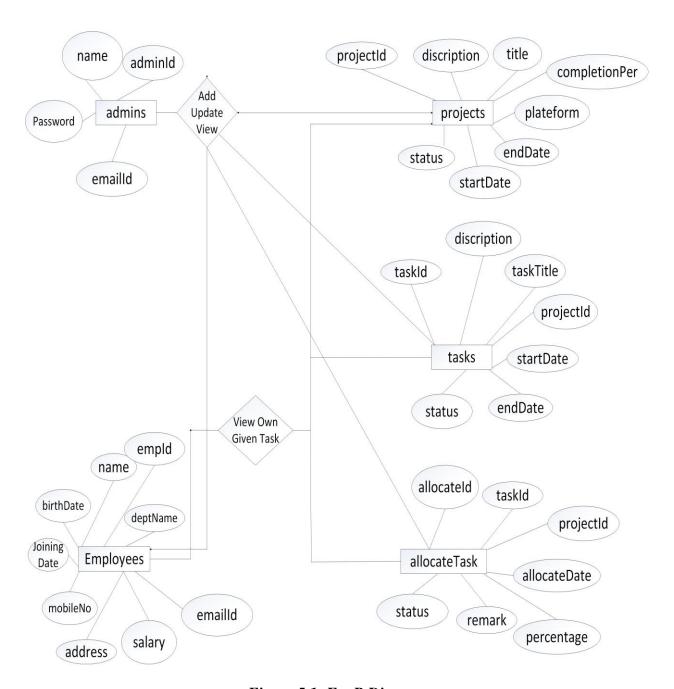


Figure 5.1: E – R Diagram

# **5.1.2** Use case Diagram:

Admin

Login

Employees
A/U/D

Projects
A/U/D

Taska
A/U/D

Assign Task To
Employee

Logout

Figure 5.2: Use case Diagram for Admin

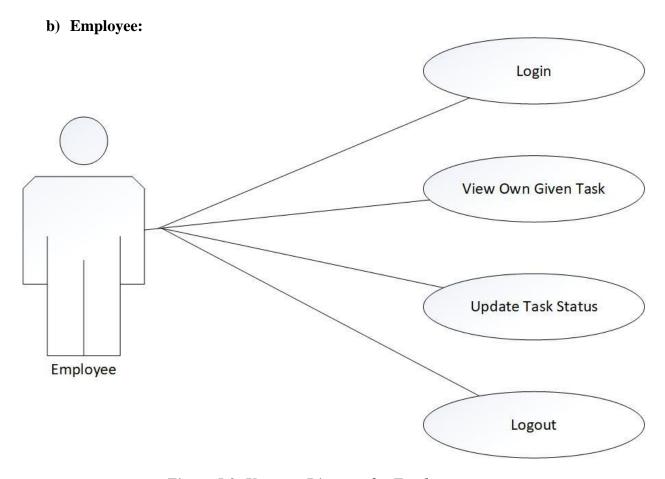


Figure 5.3: Use case Diagram for Employee

## **5.1.3 Data Flow Diagram:**

#### a) Context Diagram:

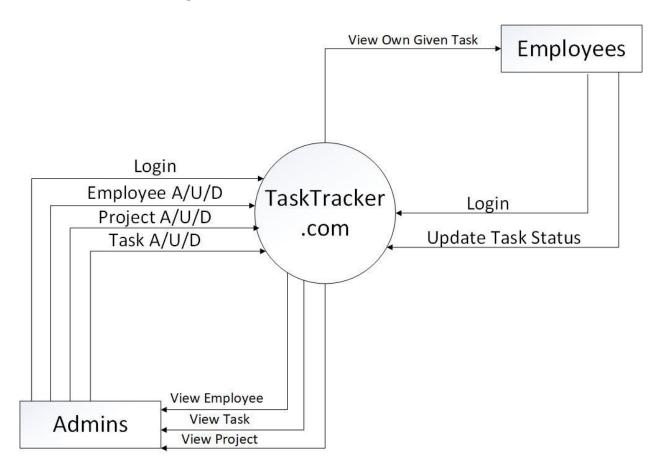


Figure 5.4: Context Diagram

#### Level 1 Data Flow Diagram:

#### a) Admin:

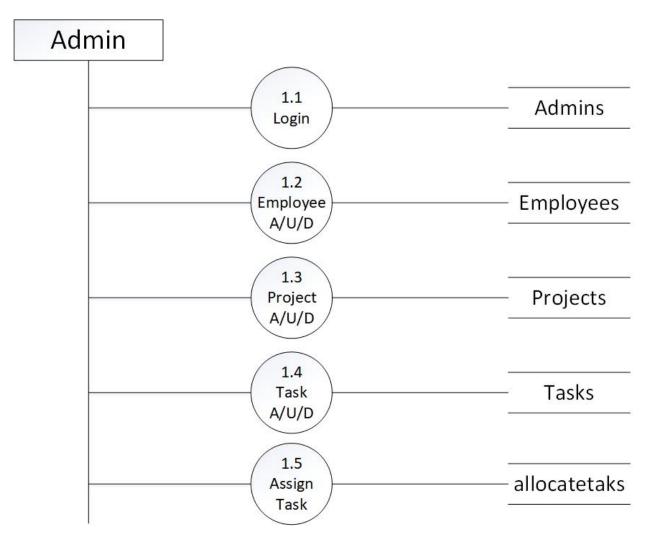


Figure 5.5: 1 - Level Data Flow Diagram

## b) Employee:

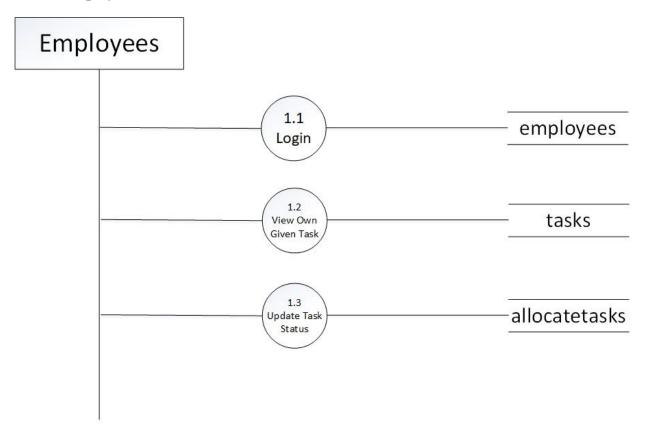


Figure 5.6: 1 - Level Data Flow Diagram

#### **5.1.4** Activity Diagram:

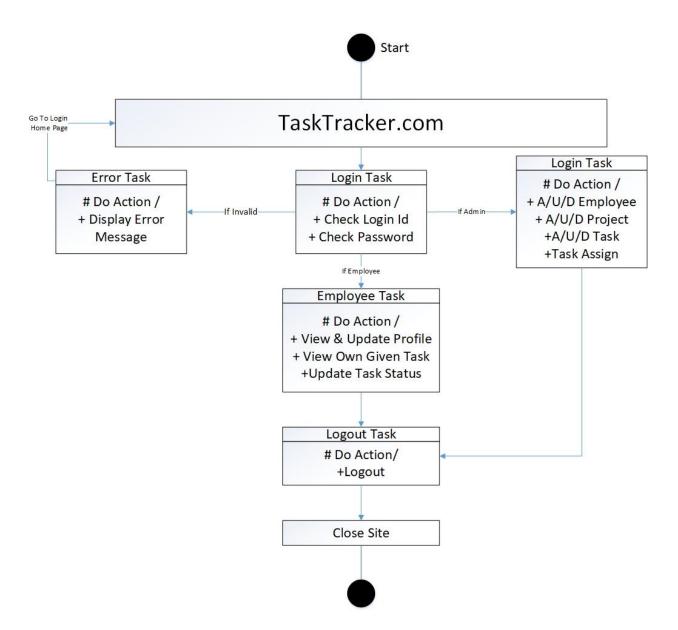


Figure 5.7: Activity Diagram

# **5.2 DATA DICTIONARY**

Table Name: admins

**Description:** Store Admin Details

Sr.No	Field Name	DataType	Constraint	Description
1	adminId	Int(5)	Primary key	Id of admin
2	name	varchar(50)	Not null	Name of admin
3	password	varchar(50)	Not null	Password of admin
4	emailId	varchar(50)	Unique	Email Address of admin

**Table Name:** employees

**Description:** Store Employee Details

Sr.No	Field Name	DataType	Constraint	Description
1	empId	Int(5)	Primary key	Id of employee
2	name	varchar(50)	Not null	Name of employee
3	birthdate	date	Not null	Birth Date of employee
4	joiningDate	date	Not null	Joining date of employee
5	password	varchar(50)	Not null	Profile password of employee
6	mobileNo	varchar(50)	Not null	Mobile no of employee
7	address	Medium text	Null	Address of employee
8	salary	decimal(10,0)	Null	Salary of employee
9	emailId	varchar(50)	Unique	Email address of employee
10	deptName	varchar(50)	Null	Department of employee

Table Name: projects

**Description:** Store Project Details

Sr.No	Field Name	DataType	Constraint	Description
1	projectId	Int(5)	Primary key	Id of project
2	description	Medium text	Not null	Discription of project
3	title	varchar(50)	Not null	Title of project
4	startDate	Date	Not null	Start date of project
5	endDate	Date	Not null	End date of project
6	status	Varchar(50)	Default "pending"	Status of project
7	plateform	Varchar(50)	Not null	Language in which create a project
8	completionPer	Int(3)	Default "0"	Completion percentage of project

Table Name: tasks

**Description:** Store Task Details

Sr.No	Field Name	DataType	Constraint	Description
1	taskId	Int(5)	Primary key	Id of task
2	projectId	Int(5)	Not null	id of project
3	taskTitle	varchar(50)	Not null	Title of task
4	description	Medium text	Not null	discription of project
5	startDate	Date	Not null	Start date of project
6	endDate	Date	Not null	end date of project
7	status	Varchar(50)	Default "pending"	Status of task

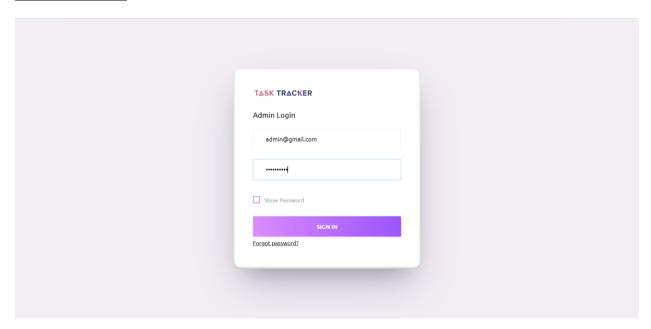
 Table Name:
 allocatetasks

**Description:** Store Task Allocation Details

Sr.No	Field Name	DataType	Constraint	Description
1	allocateId	Int(5)	Primary key	Id of allocation of task
2	taskId	Int(5)	Not null	id of task
3	empId	Int(5)	Not null	Id of employee
4	projectId	Int(5)	Not null	Id of project
5	allocateDate	Date	Not null	Date of allocating task
6	percentage	Int(3)	Default "0"	Complitation Percentage of task
7	status	Varchar(50)	Default "pending"	Status of task
8	remark	Mediumtext	null	Remark of employee

#### 5.3 Sample code:

#### **Login Design:**



#### Login.php

```
</head>
<body>
 <?php include("../connect.php"); ?>
 <div class="container-scroller">
  <div class="container-fluid page-body-wrapper full-page-wrapper">
   <div class="content-wrapper d-flex align-items-center auth">
    <div class="row flex-grow"> <div class="col-lg-4 mx-auto">
       <div class="auth-form-light text-left p-5"> <div class="brand-logo">
         <img src="image/logo2.png"> </div>
        <h4>Admin Login</h4>
        <form class="pt-3" action="#" method="post" onsubmit="return valid()">
         <div class="form-group">
          <input type="email" class="form-control form-control-lg" id="email" name="email"</pre>
value="<?php echo isset($_POST["email"]) ? $_POST["email"] : ""; ?>" placeholder="Enter
Email Address" autofocus>
         </div>
         <div class="form-group">
          <input type="password" class="form-control form-control-lg" id="pass"</pre>
name="pass" value="<?php echo isset($_POST["pass"]) ? $_POST["pass"] : ""; ?>"
placeholder="Enter Password">
         </div>
         <div class="my-2 d-flex justify-content-between align-items-center">
          <div class="form-check form-check-danger">
           <label class="form-check-label text-muted">
             <input type="checkbox" class="form-check-input" onchange="showpassword()">
Show Password </label>
          </div>
```

```
<div class="mt-3">
          <input style="width:100%;" type="submit" name="submit" class="btn btn-block btn-</pre>
gradient-primary btn-lg font-weight-medium auth-form-btn" value="SIGN IN">
                                                                                 </div>
         <div class="my-2 d-flex justify-content-between align-items-center">
          <a href="forgotpassword.php" class="auth-link text-black">Forgot password?</a>
         </div>
</form> </div> </div> </div> </div>
<?php
   if($conn){
    if(isset($_POST["submit"])){
     $email = $_POST["email"];
      pass = POST["pass"];
     // echo $email . "<br>" . $pass;
      $cmd = "select * from admins where emailId='$email'";
      $result = mysqli_query($conn,$cmd);
      $numrow = mysqli_num_rows($result);
     if(\text{$numrow > 0)}
       $row = mysqli_fetch_array($result);
       if($row["password"] == $pass){
        $_SESSION["adminid"] = $row["adminId"];
        echo "<script>window.location.href = 'index.php'</script>"; }
       else{
        echo "<script>
       swal({ title: 'Password Is Wrong',
        icon: 'error',
```

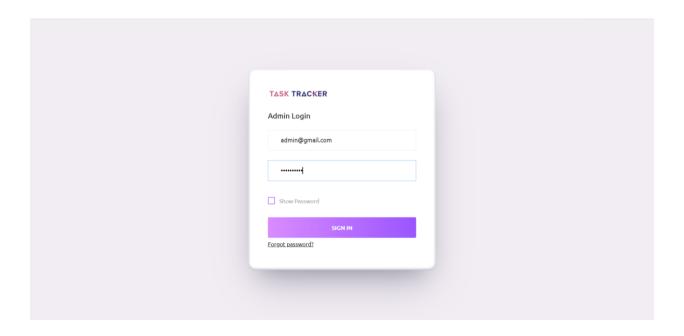
```
button: {
         text: 'OK', className: 'btn btn-gradient-danger', value: true
        }, })
       .then((value) => {
        document.getElementById('pass').focus()
       });</script>";
       }}
     else{ echo "<script>
       swal({ title: 'This Email Address Not Registered', icon: 'error',
        button: {
         text: 'OK',
         className: 'btn btn-gradient-danger',
         value: true
        }, })
       .then((value) => {
        document.getElementById('email').focus()
       });</script>";
      }}}  ?>
 </div><script>
  function valid(){
   email = document.getElementById("email");
   pass = document.getElementById("pass");
   if(email.value.trim() == ""){
swal({ title: "Please Enter Email Address", icon: "error",
       button: {
```

```
text: "OK", className: "btn btn-gradient-danger", value: true
       }, })
      .then((value) => {email.focus()});
     return false; }
   else if(pass.value.trim() == ""){
     swal({
       title: "Please Enter Password",
       icon: "error",
       button: {
        text: "OK",
        className: "btn btn-gradient-danger",
        value: true}, }) .then((value) => { pass.focus() });
     return false; }
   else{ return true; }}
  function showpassword() {
   pass = document.getElementById("pass");
   if (pass.type == "password") { pass.type = "text"; }
  else { pass.type = "password"; }}
 </script>
 <script src="assets/vendors/js/vendor.bundle.base.js"></script>
 <script src="assets/js/off-canvas.js"></script>
 <script src="assets/js/hoverable-collapse.js"></script><script src="assets/js/misc.js"></script>
</body> </html>
```

# **5.4 SCREENSHOT**

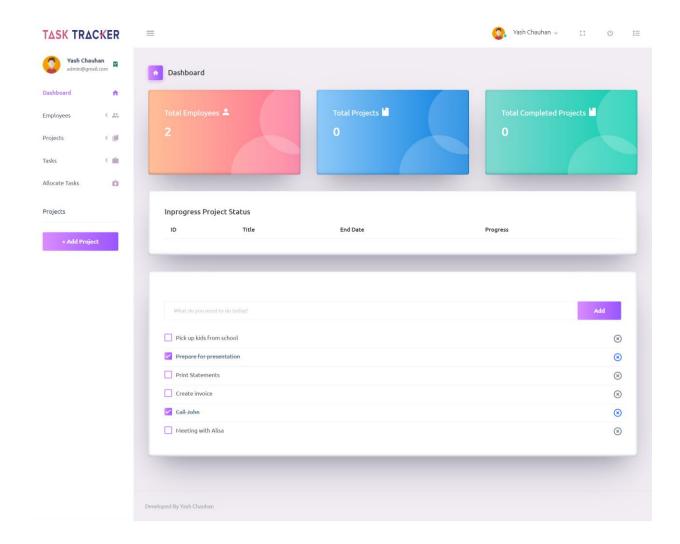
## 1. ADMIN SIDE:

## 1.1 Admin Login Page



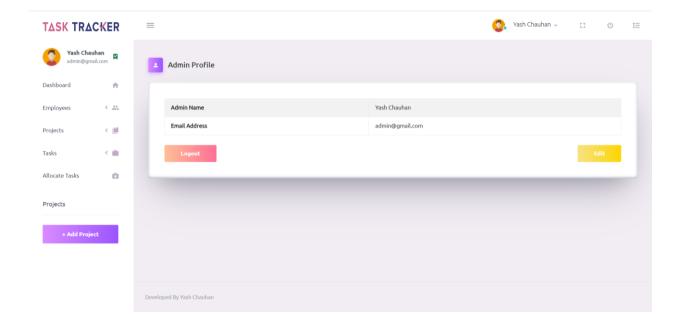
This is the login page of admin.

#### 1.2Admin Dashboard



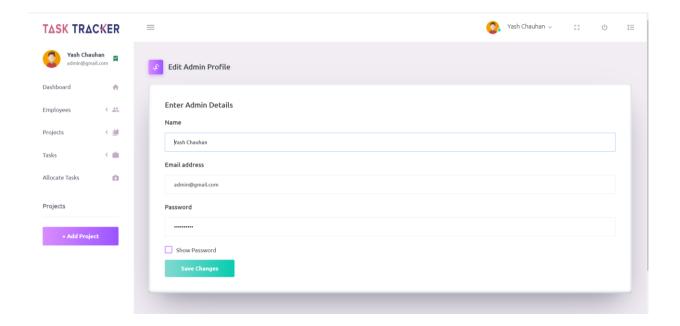
This is the dashboard of admin.

# 1.3Admin Profile



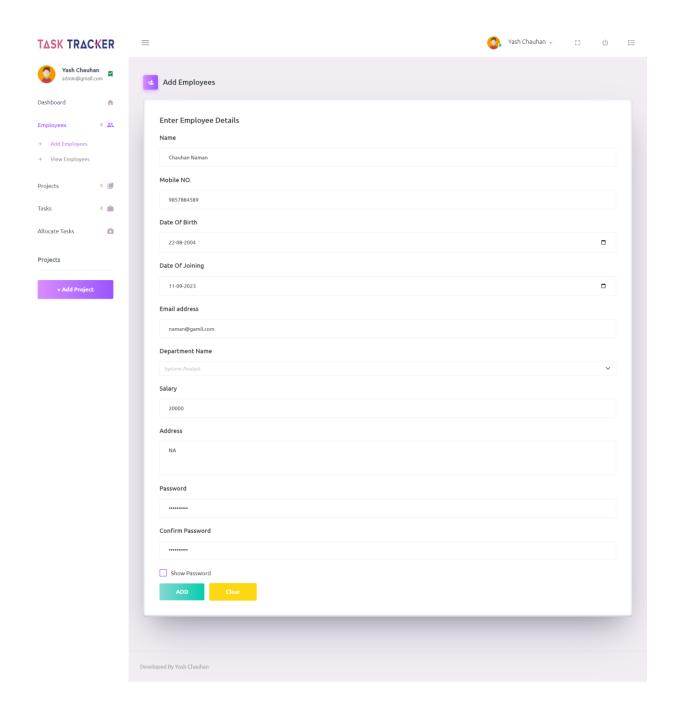
This is admin profile page.

## 1.4 Admin Profile Edit



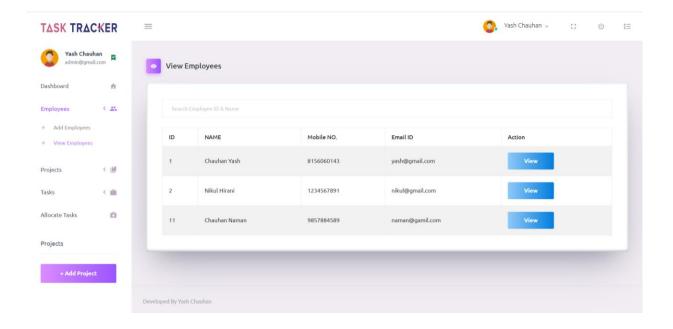
This is admin profile edit page.

## 1.5 Add Employee



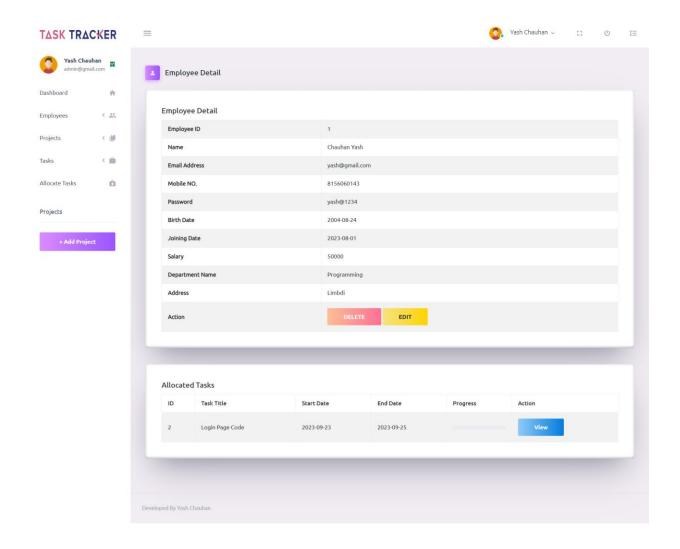
This page for add employees.

# 1.6 Employee List



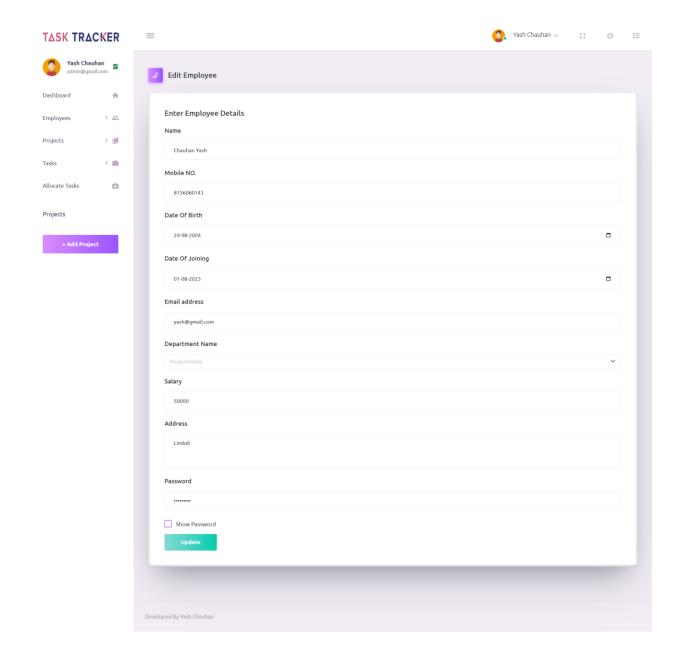
This page for list of employees.

# 1.7 Employee View



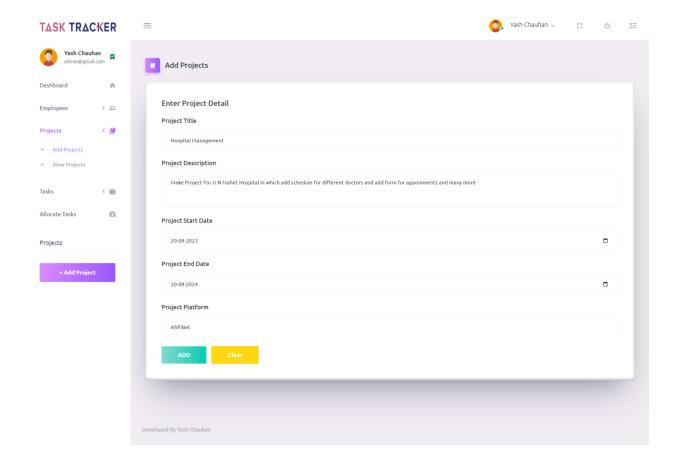
Employee detail page.

# 1.8 Employee Edit



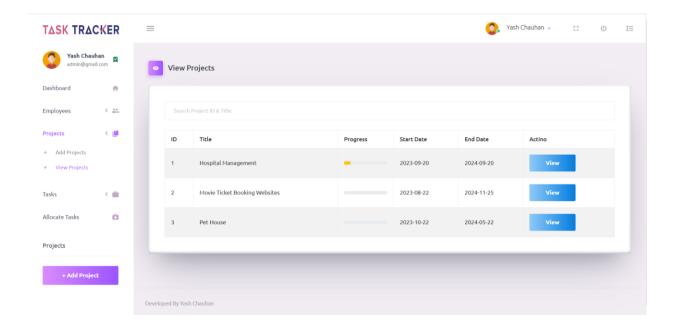
Employee detail edit page.

# 1.9 Add Projects



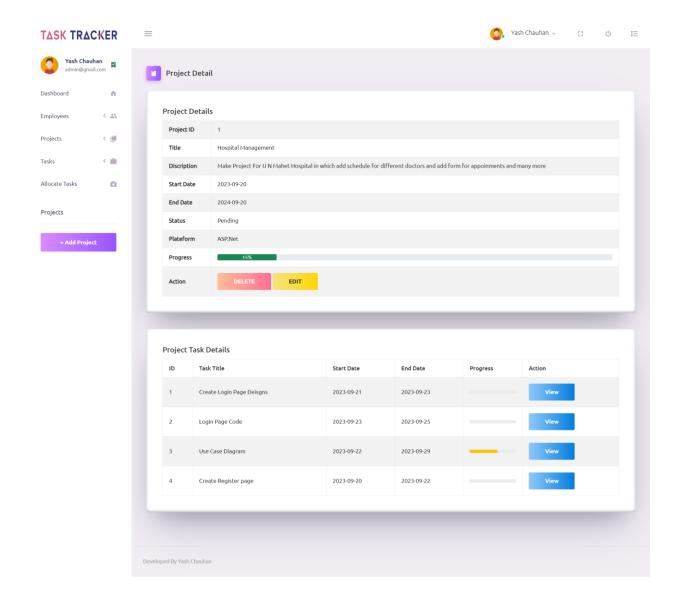
This page for add new projects.

# 1.10 Project List



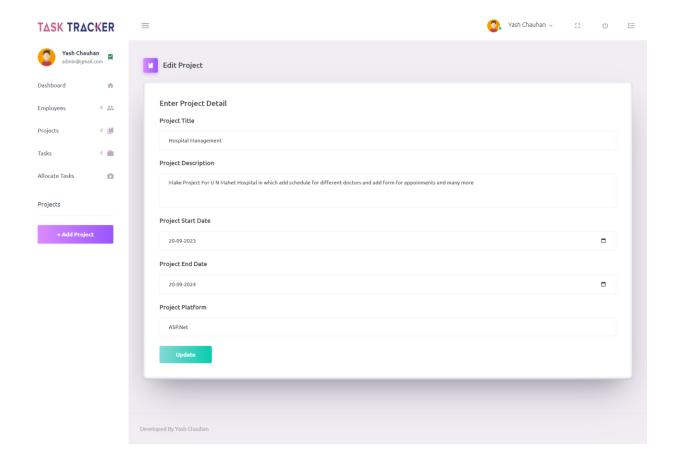
This page display list of added projects.

## 1.11 Project View



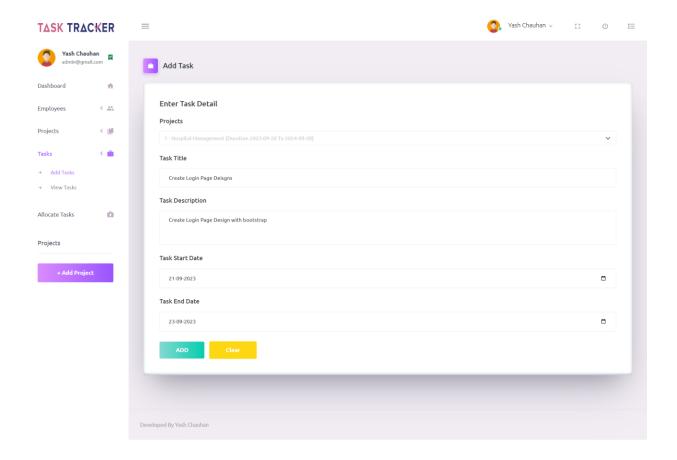
This page display the project detail.

# 1.12 Project Edit



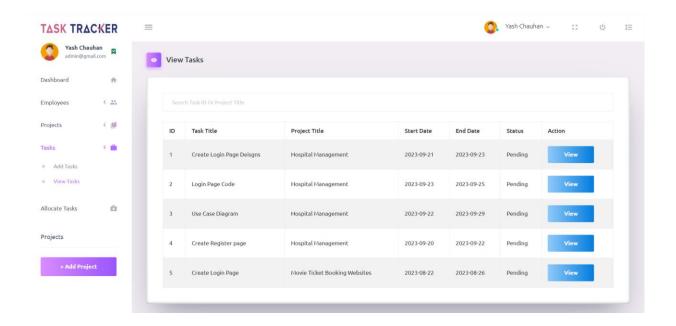
This page for edit project details.

## 1.13 Add Task



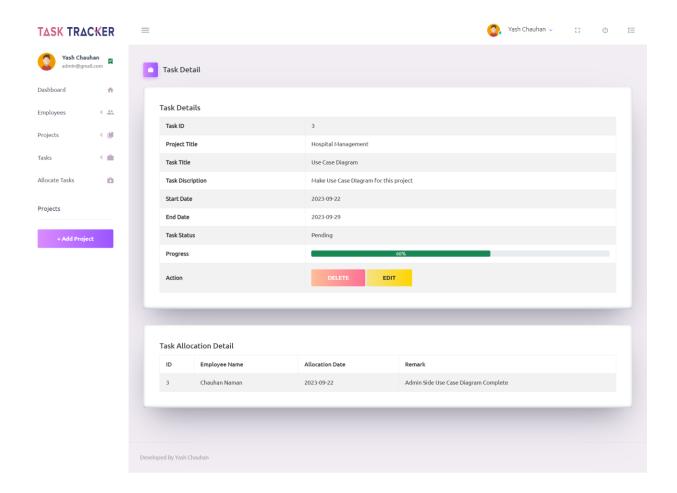
This page for add the task of project.

#### 1.14 Task List



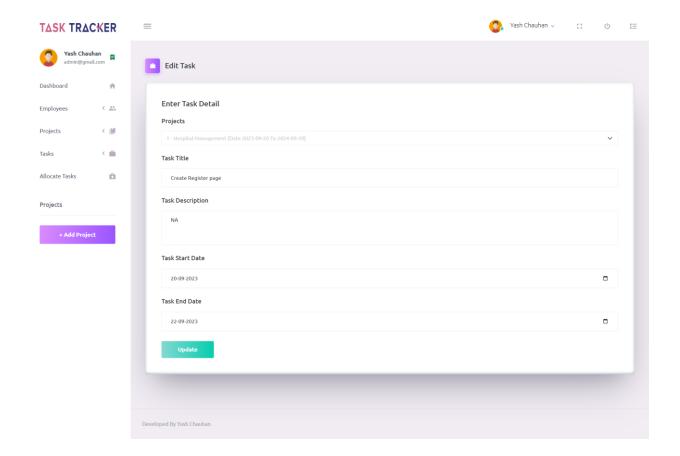
This page display the list of every project task.

#### 1.15 Task View



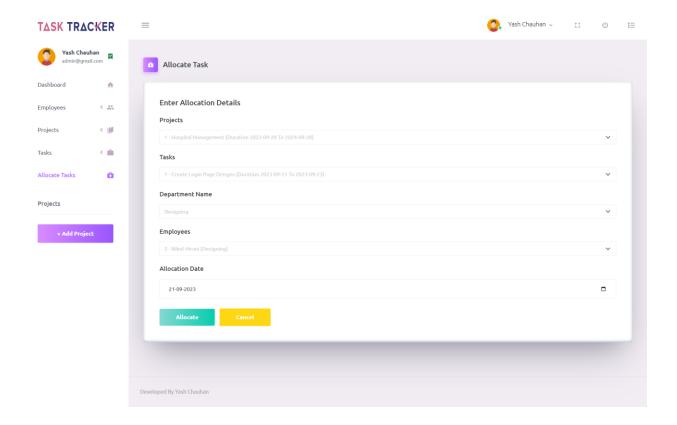
This page display detail of task.

## 1.16 Task Edit



This page for edit task details.

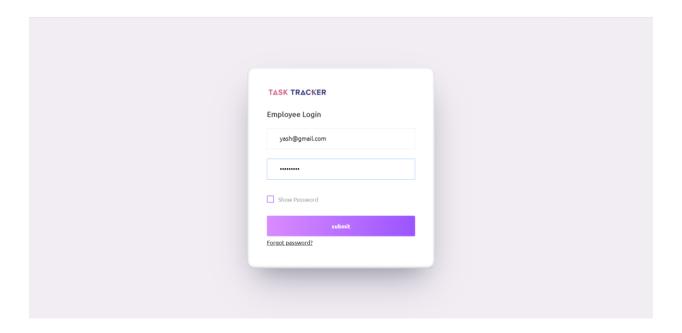
#### 1.17 Allocate Task



This page for allocate the created task of project to employee.

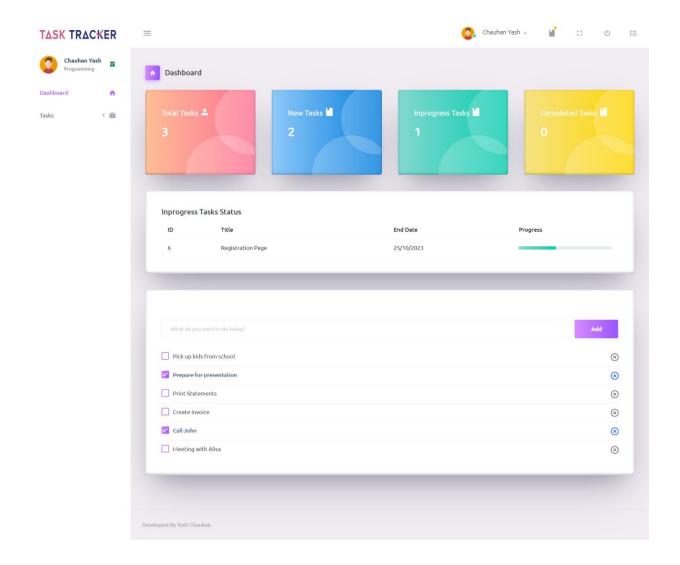
# 2. EMPLOYEE SIDE:

# 2.1 Employee Login



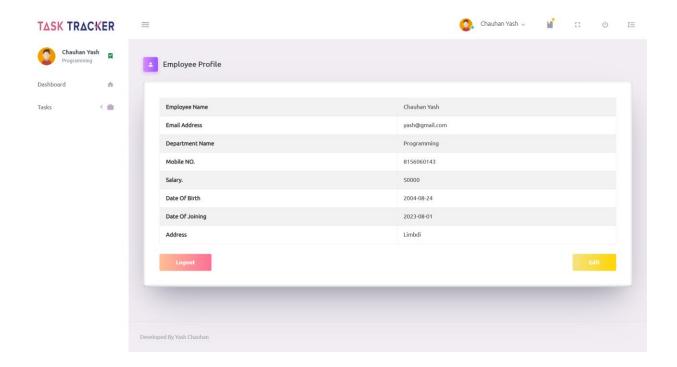
This is employee login page.

## 2.2 Employee Dashboard



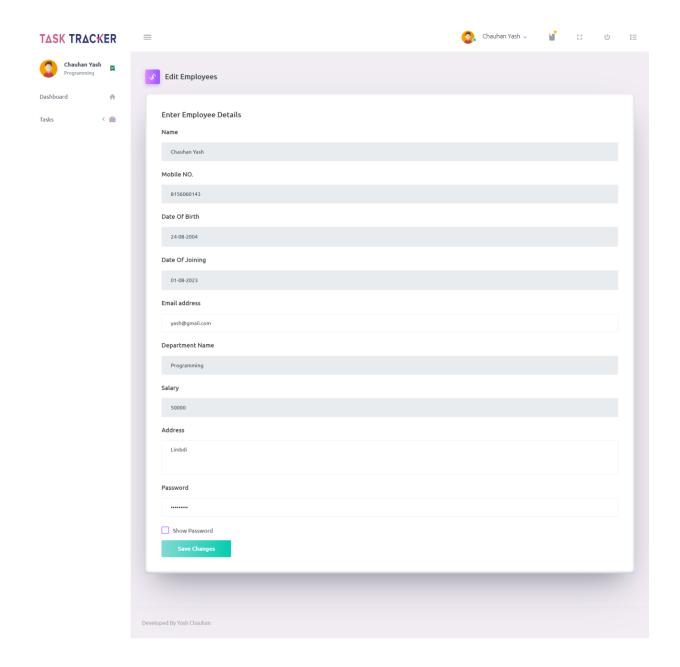
This is dashboard for employee.

## 2.3 Employee Profile



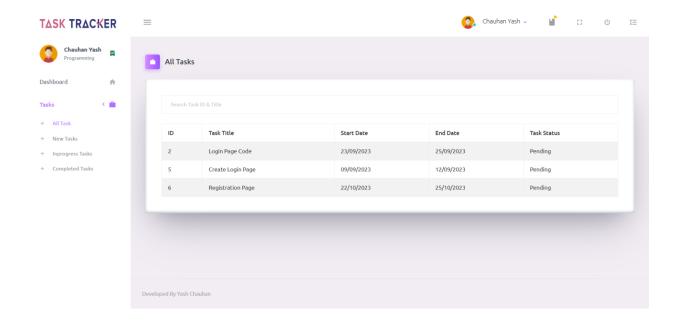
This is employee profile page.

## 2.4 Employee Profile Edit



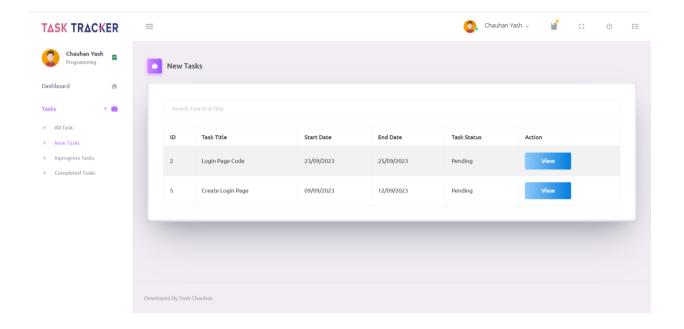
This page for edit employee profile.

## 2.5 All Task List



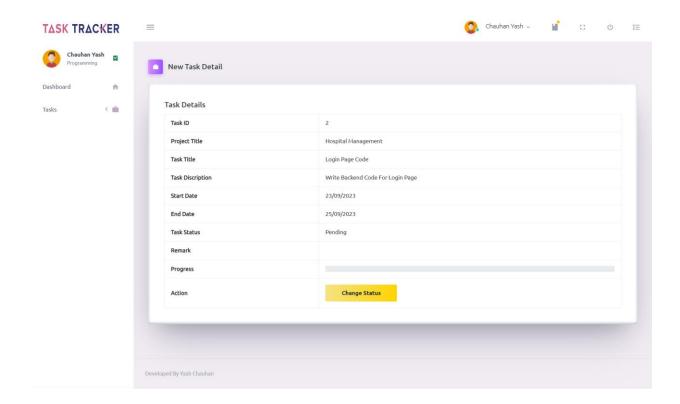
This page display all given task of employee.

# 2.6 New Task List



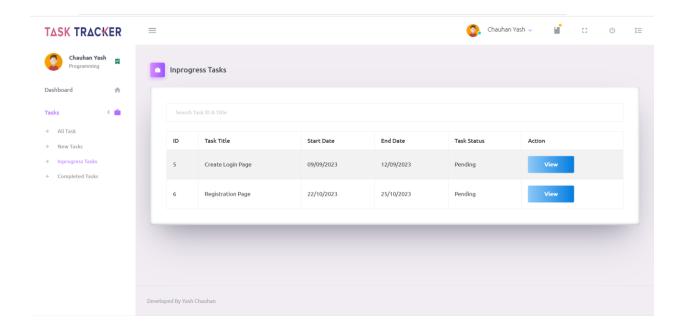
This page display new given task of employee.

#### 2.7 New Task Detail



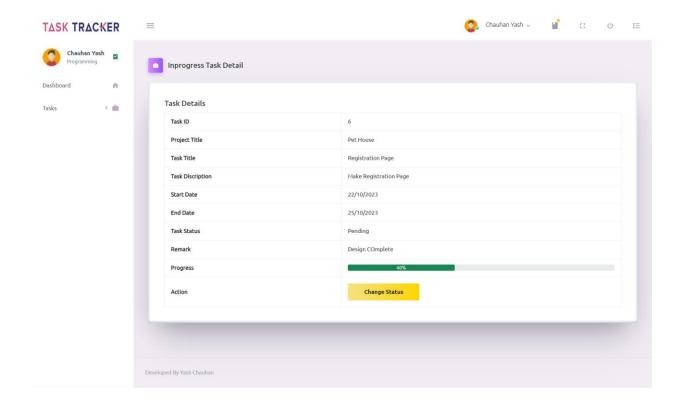
Display detail of new given task of employee and employee can change status of task.

## 2.8 Inprogress Task List



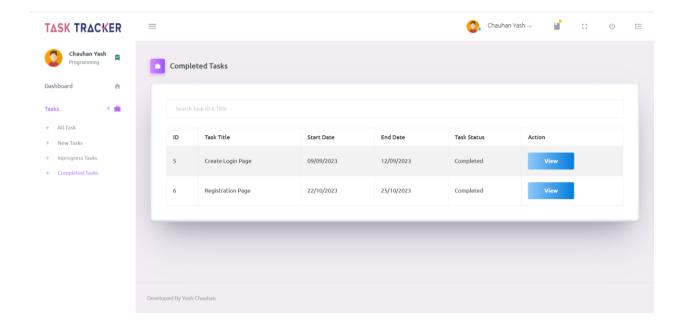
This page display inprogress task of employee that which given by admin.

## 2.9 Inprogress Task Detail



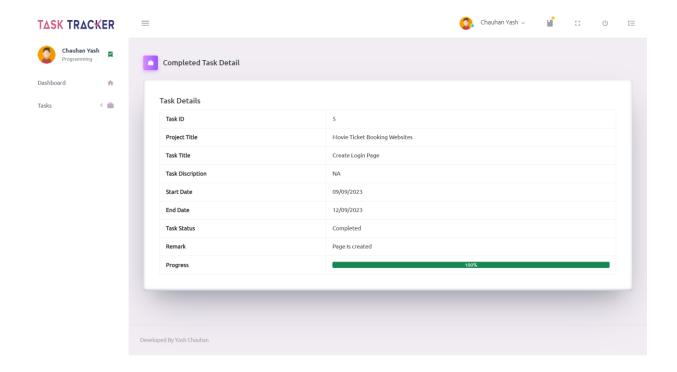
Display detail of inprogress task of employee and employee can change status of task.

# 2.10 Completed Task List



This page display completed task of employee.

## 2.11 Completed Task Detail



This page display completed task details.