**PROJECT RESOURCE MANAGEMENT**

**Use Case:** Login page

**Actor(s):**Admin

**Description:**

This feature helps admin to login to the admin dashboard

**Precondition:** Login not successful.

**Post Condition:** Login successful redirecting to admin dashboard.

**Scenario:** If the admin username and password is correct, then on submit login button the admin is redirected to the admin dashboard.

If the admin login username and password is not correct, then the login should be unsuccessful with error message redirecting back to the login page asking the user to enter correct details .

**Use Case:** Login page

**Actor(s):**Manager

**Description:**

This feature helps Manager to login to the manager dashboard

**Precondition:** Login not successful.

**Post Condition:** Login successful redirecting to manager dashboard.

**Scenario:** If the Manager username and password is correct, then the manager is redirected to the manager dashboard.

If the manager login username and password is not correct, then the login should be unsuccessful with error message redirecting back to the login page asking the user to enter correct details .

**Use Case:** Dashboard

**Actor(s):**Admin

**Description:**

This feature helps admin to access dashboard with the buttons for viewing project details and employee details.

**Precondition:** The admin will login to access and manage the dashboard.

**Post Condition:** Admin can view, add, update and delete both project and employee details using the buttons for project and employee details which will redirect to next page correspondently

**Scenario:** The dashboard has two buttons -1.Project Details 2.Employee details.

On clicking Project details, the admin can access the project details page where he can also view, add, update, and delete the project details.

On clicking Employee details, the admin can access the employee details page where he can also view, add, update, and delete the employee details.

**Use Case:** Project details

**Actor(s):**Admin

**Description:**

This feature helps admin to add, view, update and delete project details such as name, id, start date, vertical, manager, department, allocation status.

**Precondition:** The admin will access the project details page

**Post Condition:** Admin can view, add, update and delete project details in the project details page.

**Scenario:** Project details are updated in the project details page once the admin performs the add, delete, update operations or else admin can go back to the dashboard and access employee details page on clicking employee details button in the admin dashboard.

**Use Case:** add project

**Actor(s):**Admin

**Description:**

This feature helps admin to add project details such as name, id, start date, vertical, manager, department, allocation status.

**Precondition:** The admin will access the project details page

**Post Condition:** Admin can add project details in the project details page on successful submission.

**Scenario:** Project details are added in the project details page once the admin performs the add operation or else admin can go back to the dashboard and access employee details page on clicking employee details button in the admin dashboard.

**Use Case:** edit project

**Actor(s):**Admin

**Description:**

This feature helps admin to edit project details such as name, id, start date, vertical, manager, department, allocation status.

**Precondition:** The admin will access the project details page

**Post Condition:** Admin can edit project details in the project details page and the page is updated on successful submission.

**Scenario:** Specific project details are updated in the project details page once the admin performs the edit operation or else admin can go back to the dashboard and access employee details page on clicking employee details button in the admin dashboard.

**Use Case:** Delete project

**Actor(s):**Admin

**Description:**

This feature helps admin to Delete project details such as name, id, start date, vertical, manager, department, allocation status.

**Precondition:** The admin will access the project details page

**Post Condition:** Admin can Delete project details in the project details page and the page is updated on successful submission.

**Scenario:** Specific project details are deleted in the project details page once the admin performs the deleted operation or else admin can go back to the dashboard and access employee details page on clicking employee details button in the admin dashboard.

**Use Case:** Employee details

**Actor(s):**Admin

**Description:**

This feature helps admin to add, view, update and delete employee details such as name, id, designation. (This is the page where admin is adding manager username and password to access manager dashboard in the backend)

**Precondition:** The admin will access the employee details page

**Post Condition:** Admin can view, add, update and delete employee details in the employee details page.

**Scenario:** employee details are updated in the employee details page once the admin performs the add, delete, update operations or else admin can go back to the dashboard and access project details page on clicking project details button in the admin dashboard.

**Use Case:** add employee

**Actor(s):**Admin

**Description:**

This feature helps admin to add employee details such as name, id, designation.

**Precondition:** The admin will access the employee details page

**Post Condition:** Admin can add employee details in the employee details page on successful submission.

**Scenario:** Employee details are added in the employee details page once the admin performs the add operation or else admin can go back to the dashboard and access project details page on clicking project details button in the admin dashboard.

**Use Case:** edit employee

**Actor(s):**Admin

**Description:**

This feature helps admin to edit employee details such as name, id, designation.

**Precondition:** The admin will access the employee details page

**Post Condition:** Admin can edit employee details in the employee details page on successful submission.

**Scenario:** Specific employee details are updated in the employee details page once the admin performs the edit operation or else admin can go back to the dashboard and access project details page on clicking project details button in the admin dashboard.

**Use Case:** Delete employee

**Actor(s):**Admin

**Description:**

This feature helps admin to delete employee details such as name, id, designation.

**Precondition:** The admin will access the employee details page

**Post Condition:** Admin can delete employee details in the employee details page on successful submission.

**Scenario:** Specific employee details are deleted in the employee details page once the admin performs the delete operation or else admin can go back to the dashboard and access project details page on clicking project details button in the admin dashboard.

**Use Case:** Dashboard

**Actor(s):**Manager

**Description:**

This feature helps Manager to access dashboard with all the project details that the admin has assigned to the manager and a button to assign employee for the project assigned to the manager.

**Precondition:** The manager will login to access and manage the dashboard.

**Post Condition:** Manager can view all the details of the projects assigned by the admin to this specific manager and manager can assign the project to the employee by adding the employee.

**Scenario:** All the specific project details for the manager by the admin are shown in the dashboard and the manager have the option to assign the project to the employee.

**Use Case:** Employee Assign

**Actor(s):**Manager

**Description:**

This feature helps manager to assign employee to the project

**Precondition:** The manager will access the manager dashboard.

**Post Condition:** manager can perform view, add, update and delete employee assign.

**Scenario:** Employee details are updated once the manager performs the add, delete, update operations or else manager can go back to the dashboard and view the project details allocated by the admin.

**Use Case:** Add

**Actor(s):**Manager

**Description:**

This feature helps manager to add/assign employee

**Precondition:** The manager will access the dashboard.

**Post Condition:** Employee is assigned to the project

**Scenario:** Employee assign is performed once the manager performs the add operation or else manager can go back to the dashboard and access dashboard.

**Use Case:** Edit

**Actor(s):**Manager

**Description:**

This feature helps manager to edit employee

**Precondition:** The manager will access the dashboard

**Post Condition:** Employee details are updated

**Scenario:** Specific employee details are updated once the manager performs the edit operation or else manager can go back to the dashboard and access dashboard.

**Use Case:** Delete

**Actor(s):**Manager

**Description:**

This feature helps manager to delete employee.

**Precondition:** The manager will access the dashboard

**Post Condition:** Employee assign details are deleted in the Employee assign page.

**Scenario:** Specific employee details are deleted in the Employee assign details page once the manager performs the delete operation or else manager can go back to the dashboard and access dashboard.

**DATABASE DESIGN**

User Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Id(pk) | fullname | username | password | Role\_id(fk) |
|  |  |  |  |  |
|  |  |  |  |  |

Role table

|  |  |
| --- | --- |
| Id(pk) | role |
|  |  |

Project details table-admin

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Id(pk) | name | start\_date | vertical | department | allocation |
|  |  |  |  |  |  |

Employee details table-Manager

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Id(pk) | name | skills | designation | Proj\_id(FK) |
|  |  |  |  |  |
|  |  |  |  |  |