

Sitrek - Tech Solution Users & Permissions

Action Items:

💡 Use **List of actions** to manage a **checklist of tasks**, assign **team members**, and set **due dates**.

- ☐ Need to verify which table is using | @Rasheed Rasmy | due 31 Jan 2025
- ☐ Need to verify which table is storing the user tokens ? | @Rasheed Rasmy | due Yesterday
- ☐ Ashen to create UI for forgot password
- ☐ How we going to handle the filters in nodejs

👉 We agree to implement the flow of forgot password, If client need to have it on our system. For now we are going to redirect to the old system.

User Authentication Flow:

Login

1. Direct Login : User can authenticate to the system directly hitting the database via our backend service

Table Name: josyd_users or josyd_jsn_users

2. Login with Token:

If the old dashboard passing the token with url, example:

{baseUrl}?token="sjnfjnedurnjnsk39njdnsjnf" using this token, we need to validate as it is the valid token on the table
josyd_user_keys

Once the login is success , we need to cache some basic information of the user in our own redis, The information we need to caches is

```
1 {
2   userId: "",
3   name: "",
4   profileImage: "",
5   email: "",
6   userPermissions: [
7
8 ],
9   authToken: "",
10  menus: [
11    {
12      key: "crm",
13      subMenu: [
14        "crm_leads", "crm_customers"
15      ]
16    }
17  ]
18 }
```

Forgot Password

We need to show a link "Forgot Password" and when the user click link, It need to redirect to https://certislankacourier.lk/index.php?option=com_users&view=reset&Itemid=599

Forgot Username

We need to show a link "Forgot Username" and when the user click link, It need to redirect to https://certislankacourier.lk/index.php?option=com_users&view=reset&Itemid=599

Remember Me

If the user check the remember me, we need to keep it in Cookies, with 30 days expires, if the Cookie is invalidated or expired we need to redirect the user to Login page.

User Permissions

We need to do CRUD operation for the user to update the user permissions.

sitrek_user_pemission

Field	Type	Comments
id	Pk	
userId	Fk	
roleId	Fk	
permissionId	Fk	

sitrek_permission

Filed	Type	Comment
id	Pk	
roleId	Fk	
name	String	

sitrek_role

Field	Type	Comment
id	Pk	
name	String	

👉 we need to go with plain sql and not have any ORM on this project anywhere. but we need to have SQL migration scripts for all table creation.

👉 When creating table, think about the have CASCADE in update only, and there is no DELETE functionality all over the application, if the DELETE is needed we need to do soft delete.

SQL Queries:

```
1 //TODO update the SQL queries here
```

1. Who can assign the users and permission ?

Super Admin can only assign the permissions to the users.

2. Who can view other user roles and permission ?

If the user have permission to see other user roles and permission, then they can see it.

User Roles and Permission Matrix

☐ @Rasheed Rasmy please fill the user roles and permission, which we need to have it on our system.

User Roles	Permission	Comments

API(s)

```
1 Listing Users
2
3 GET /api/users/permissions?page=1&count=10&filter=name%20eq%20nifras%and%name%20eq%20nifras
4
5 {
6   body: [
7     {
8       userId: "",
9       name: "",
10      role: "",
11      permissions: ["", ""]
12    }
13  ]
14  page: 1,
15  count: 10,
16  total: 97
17 }
18
19 Listing Particular User Permission View
20
21 GET /api/users/permissions/{userId}
22 {
23   body: {
24     name: "",
25     roles: [
26       {
27         roleId: "",
28         name: "",
29         permissions: [
30           {
31             permissionId: "",
32             name: "",
33             active: 0
34           }
35         ]
36       }
37     ],
38   }
39 }
40
41 Update user permissions and roles
42 PUT /api/users/permissions/{userId}
43 [
44   {
45     roleId: "",
46     permissionId: "",
47   }
```

```
48 ]
49
50 {
51   message: "Succesfully updated the value"
52 }
53
54 Listing the roles
55 GET /api/users/roles
56 [
57   {
58     roleId: "",
59     name: ""
60   }
61 ]
62
```