<u>Mi-12 Assignment Requirement</u>
assignment12_category_0006

🚩 : **1 [ If we have any update we will mention it here ]. Do check frequently to see if any updates have been made.**

1. Pages are organized in different ways for your better understanding.
2. The project Theme is explained in the <u>Objective</u> Section. (What is an asset management system means.)

## <u>Objective</u>

Imagine a company called XYZ is creating a web application to help businesses manage their assets and products. Any company can use this web app by purchasing a subscription. The main goal of this software is to make it easy for HR/Admins to track how employees are using company assets. These assets can be divided into two types: Returnable (like laptop, keyboard, mouse, chair, desk, cell phones) and Non-returnable (like pens, pencils, paper, diaries, tissue paper).

XYZ is currently seeking a skilled MERN stack developer to create their web application, **Asset Management System.**

**\*\*\*Make the homepage re͏͏       nobile, tablet, and desktop\*\*\***

## <u>Main Tasks</u>
# Without Login

## Navbar (Without Login)
- Logo ( Should be the Service Provider Company Logo )
- <u>Home</u>
- <u>Join as Employee</u>
- <u>Join as HR/Admin</u>
- <u>Login</u>

**Without Login, the home page will have the following sections:**
- Banner Section
- About section
- Packages Section

# Banner Section

This section will have a slider of two images.
- One Slider will have a button for Join as HR/Admin
- Another Slider will have a button for Join as an Employee

Both buttons will be functional, by clicking on this button user will be redirected to the relevant page.

# About Section

This section will have some information about this website.

# Packages Section

This section will have three cards of Packages.
- Maximum 5 employees $5
- Maximum 10 employees $8
- Maximum 20 employees $1

**Page** ... **nployee**

# Form Section

This Section will have a Form to register a new employee. The form will have the following information:
- Full Name
- Email
- Password
- Date of birth
- Signup Button

# Social Login Section

This Section will have at least one social login such as Google, Facebook, Github, etc.

## Form Section

This Section will have a Form to register a new employee. The form will have the following information:

- Full Name
- Company Name
- Company Logo
- Email
- Password
- Date of Birth
- Select a package (there will be three packages, details below)
- Signup Button

⚠ Note:

After successfully signing up, the user will be redirected to the payment page.

Package Details :

1. 5 Members for $5
2. 10 Members for $8
3. 20 Members for $15

This page will have a form sectio   **e**   email & password and a social login section. (at least one social login

# For Normal Employee (after Login)

## Navbar (Normal Employee)

- Logo ( Should be the Company Logo the employee is working for )
- Home
- My Assets
- My Team
- Request for an Asset
- Make a Custom Request
- Profile
- Logged in User name and Profile Picture
- Logout Button

## Home Page (Normal Employee)

My Custom Requests (if no data is found, hide this section)

My pending requests

My monthly requests (Show all requests made by the user in this month, show them in sorted order: recent one will be first)

Frequently requested items (max: 4 items)

⚠ Note:

If the user is not in a team, show ▢▢▢▢▢ ssage. (Contact with your HR)

**My Custom Requests Section**

In this section there will be the lis▢▢▢▢ tom requests made by the logged in user. Each item will have the follo▢▢▢ ▢▢▢▢on:

- Asset name
- Price
- Type
- Status
- View Details Button

Clicking on the view details button  a model will open with the following information.

- Asset name
- Price
- Type

- Image
- Why needed
- Additional information
- Request date
- Status
- Update Button
- Close Button

Clicking on the update button, the following fields will be editable and the previous value should be the default value. The Update button will be changed to Save Button and Close button will be changed to Cancel Button.

# My Assets Page (For Employee)

**Search Section**
On top of this page, there will be a search bar to search items by it's names.

**Filter Section**
On top of this page, there will be a filter section. Users can filter items by request status (pending/approved) and asset type (returnable/non-returnable)

⚠ Note:
Search and filter should be implemented on the server side.

**Asset List Section**
There will be a list of the items re            e logged-in user. Every item should have the following information:
- Asset Name
- Asset Type
- Request Date
- Approval Date
- Request Status
- Action (Explanation is Bellow)

🚩Notes:
  ➢ If the request status is *Pending*, the action section will have a button to cancel the request.

➢ If the request status is *Approved,* there will be a print button to print the details information of this asset. The print page should have the company information on top of the page and the printing date at the bottom of the page*.* <mark>Recommended Package</mark> - [React-PDF](#)

➢ If the request status is *Approved* and the asset type is *Returnable*, the action section will have a return button. clicking on the return button, the status will be returned and the return button will be disabled. Also, the quantity of this asset will be increased by one.

➢ If the request status is *pending,* the Approval Date will be empty.

## Request for an Asset page

### Search Section
On top of this page, there will be a search bar to search items by it's names.

### Filter Section
On top of this page, there will be a filter section. Users can filter items by availability (pending/approved) and asset type (returnable/non-returnable)

### ⚠ Note:
Search and filter should be implemented on the server side.

### Assets List Section
On this page, there will be a list of each very item will have the following information:
- Asset Name
- Asset Type (Returnable / Non-returnable)
- Availability (Available / Out of stock)
- Request Button

On clicking the request button a modal will open.

### ⚠ Note:
If the Availability is Out of stock, the request button will be disabled.

**Modal Section**

The modal will have a text input field for additional notes and a request button.

🚩Note:

-> You should store the current date as Request date. (Don't show it in the modal section)

-> You should store the logged-in user's information for HR/Admin

## Make a Custom Request Page

**Form Section**

The form section will have the following information:

- Asset Name
- Price
- Asset Type
- Asset Image
- Why you need this
- Additional information
- Request Button

## My Team Page



On this page, there will be two se[ctions]

1. Upcoming events, 2. Team Me[mber]

**Upcoming events Section**

This section will have a list of the members who have birthdays this month. Each item should have the following information:

- Image of the member
- Name of the member
- Date of Birth
- Remaining Days

Note: If the birthdate has already occurred, display a meaningful message.

**Team Member List Section**

This section will have a list of all the members of this team. Each item should have the following information:

- Image of the member
- Name of the member
- Member Type, you can use an icon (admin / normal employee) <span style="color:red">(Optional)</span>

# <mark>For HR/Admin (after Login)</mark>

## Navbar (HR/Admin)

- Logo <span style="color:red">( Should be the Company Logo the employee is working for )</span>
- Home
- Asset List
- Add an Asset
- All Requests
- Custom Requests List
- My Employee List
- Add an Employee
- Profile
- Logged in User name and Profile Picture
- Logout Button

<mark>Hom</mark> ▓▓▓ <mark>Admin)</mark>

- Pending requests (max: 5 i...
- Top most requested items (....... .....)
- Limited Stock items (Quantity less than 10)
- Make a pie chart for the total percentage of returnable items and non-returnable items requested by the employee.
- Add 2 relevant extra section

<mark>⚠ Note:</mark>
Access to the HR/Admin section requires payment; otherwise, you will be directed to the payment page.

## Asset List Page (Only for HR/Admin)

**Search Section**

On top of this page, there will be a search bar to search items by it's names.

**Filter Section**

On top of this page, there will be a filter section. Users can filter items by stock status (available/out-of stock) and asset type (returnable/non-returnable)

**Sorting Section**

On top of this page, there will be a sorting section. Users can sort items by quantity.

**List Section**

On this page, there will be a list of all products. Each item will have the following information:

- Product Name
- Product Type
- Product Quantity
- Date Added
- Update Button
- Delete Button

## Add an Asse      y for HR/Admin)

**Form Section**

This section will have a form to a      et. The form will contain the following information:

- Product Name
- Product Type
- Product Quantity
- Add Button

# All Requests Page (Only for HR/Admin)

## Search Section

On top of this page, there will be a search bar to search requests by requester name or email name.

## Request List Section

On this page, there will be a list of all requests. Each item will have the following information:

- Asset Name
- Asset Type
- Email of requester
- Name of requester
- Request Date
- Additional note
- Status
- Approve Button
- Reject Button

# Custom Requests List Page (Only for HR/Admin)

On this page, there will be a list of all custom requests. Each item will have the following information:

- Asset Name
- Price
- Asset Type
- Asset Image
- Why you need this
- Additional information
- Approve Button
- Reject Button

## My Employee List Page (Only for HR/Admin)

This section will have a list of all the members of this team. Each item should have the following information:

- Image of the member
- Name of the member
- Member Type, you can use an icon (admin / normal employee) (Optional)
- Remove From Team Button

Note: Clicking on this button, the employee will be removed from the team, and the team member count will be decreased by one.

## Add an Employee Page (Only for HR/Admin)

**Package Section**

This section will have all the product count and the package limit. Also, there will be a button to increase the limit. On clicking this button, the user will be redirected to a page. The page will show 3 packages.

- 5 members for $5
- 10 members for $8
- 20 members for $15

After successfully buying, the member limit will be increased accordingly.

This section will have a **list of all** **o are not employees and not added in any team by the HR**. E       uld have the following information:

- Checkbox to select membe       lained below)
- Image of the member
- Name of the member
- Member Type, you can use an icon (admin / normal employee) (Optional)
- Add to the team

**Note**: Clicking on this button, the employee will be added to the team, and the team member count will be increased by one.

There will be a button '***Add Selected Members to the Team***'. Clicking on this button, all the selected members will be added to the team. (You should call a single API from the client side)

## Payment Page

This will be the Payment page where the HR/Admin user has to pay N dollars (according to his selected package) to increase the member limit.

## Profile Page

(for Both HR/Admin and Normal Employee)

This page will have the following information about the logged-in user. The user can update his/her information from here.
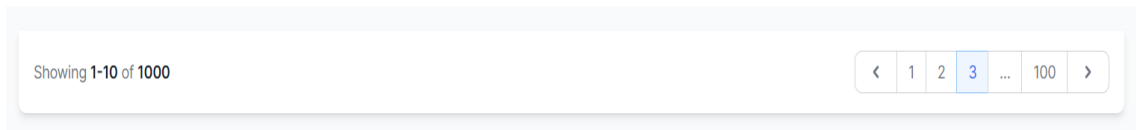
- Full Name
- Email (Not Editable/Readonly)
- Date of birth (if there is no birthdate information, leave it empty)
- Update button

# Bonus Tasks

## ***Implement tanstack query in all the data fetching functionality (For GET method only) ***

1. Implement JWT on login (Email/Password and social) and store the token.
2. Explore and Use the react-helmet package.
3. Add multiple Members at once on the Add san Employee Page. (Mentioned above)

4. Implement pagination at the footer of all the tables you have implemented (show 10 users at a time). For example,

Showing **1-10** of **1000**          ‹ 1 2 3 … 100 ›

## Some Rules

1. Do not copy anything from              assignment. Like cards, tables, navbar, forms, etc. If you vi              you will receive a considerable penalty. Be careful.
2. Remove these lines in your server-side code:
   await client.connect();
   await client.db("admin").command({ ping: 1 });

## Optional Tasks

1. Use react select for handle select input. [Link](#)
2. Explore Material Ui
3. Explore Tanstack query Pagination
4. Implement Axios interceptor.
5. Data must be shown the first time reloading.

## What to Submit

1. **Assignment Category: assignment12_category_0006**
2. **Admin email:**
3. **Admin password:**
4. **Front-end Live Site Link:**
5. **Client Side Github Repository Link:**
6. **Server Side Github Repository Link:**