Explanation:

User and company fundamental concept

- 1. Each user belongs to a company (single company).
- 2. Each user has the access to create shipment. The shipment's company id is based on the user base company id.
- 3. The use of company id is to allow finance to check which party should charges.
- 4. User roles are category to 3. ROLES are belong to the base company.
- 5. Each user only have 1 roles. The roles are as follows:
 - a. ADMIN
 - i. This user is belong to FMX internal staff.
 - ii. This user has access to USER role access module.

b. SUPERADMIN

- i. Belong to respective company(Customer Company) administrative or PIC or Account manager or etc.
- ii. This user has access to USER role access module and User module, Partially company module.

c. USER

i. This is normal user where they only have access to the shipment module and manifest module.

Module

1. User

- a. Individual (Personal)
 - i. Login
 - ii. Log Out
 - iii. Forget Password
 - iv. User Detail
- b. Company
 - i. List of User for **a** company
 - ii. Assign User to **a** Company
 - iii. Invitation Link to register
 - iv. Remove User from a Company
- c. Admin
 - i. List of User for all company

2. Company

- a. Company
 - i. List of their child company
 - ii. Get company Details
- b. Admin
 - i. List of ALL company
 - ii. Get company Details
 - iii. Create Company
 - iv. Assign user to a company

3. Shipment

- a. Company
 - i. Create Single Shipment
 - ii. Create Bulk Shipment
 - iii. List Shipment
 - iv. Get Shipment Details
 - v. Update Shipment Details
- b. Branch
 - i. All from Company
 - ii. Get Shipment Details for shipment that doesn't belong to company
 - iii. Confirm Shipment Receive is similar with Update Shipment Details

4. Manifest

- a. Company
 - i. List Manifest via date range
 - ii. Search Manifest
 - iii. List Manifest via ID
 - iv. Confirm or un-confirm manifest individual consignment
 - v. Close manifest

5. Address Book

- a. Company
 - i. Create Address
 - ii. List address
 - iii. Delete Address
 - iv. Update
 - v. Get Address details

6. Check In

- a. Branch(For retails)
 - i. Check In consignment

7. Dashboard

- a. Individual
 - i. Overall Status of their base company
 - ii. List of status Consignment
- b. Company
 - i. List of the company that under the company's parent
 - ii. Overall Status
 - iii. List of status Consignment

Permission

1. USER

- a. Individual part in User Module
- b. Individual part in Dashboard Module
- c. ALL part in Manifest Module
- d. Company part in Address Book Module
- e. Company part in Shipment Module

2. SUPERADMIN

- a. Company part in Address Book Module
- b. **Company** part in **Shipment** Module
- c. Company and Individual part in User Module
- d. ALL part in Manifest Module
- e. ALL part in Dashboard Module

3. BRUSER

- a. Company part in Address Book Module
- b. **Company** part in **Shipment** Module
- c. ALL part in User Module
- d. ALL part in Manifest Module
- e. Individual part in Dashboard Module
- f. Branch part in Check-In Module

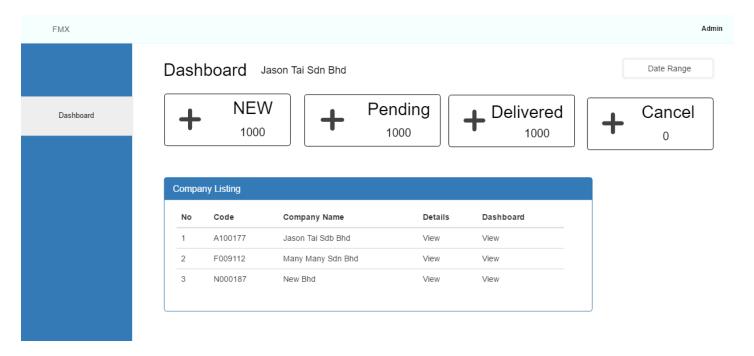
4. ADMIN

a. ALL part in ALL Module

UI

Dashboard

Dashboard - Overview



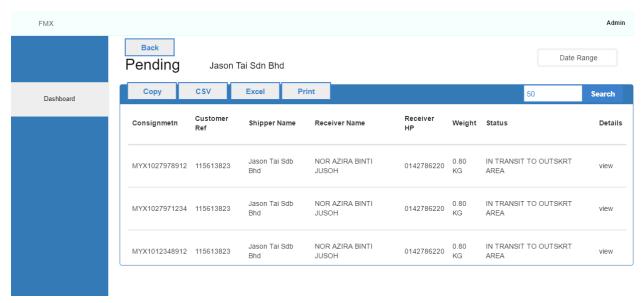
Default Behavior

- 1. Date range: From (today-7day) till today's date.
- 2. Dashboard always load user base_company information.
- 3. If user role is USER, company listing will NOT appear.

Expected Behavior

- 1. User click View on Dashboard It will refresh the KPI status with the date range date.
- 2. User click View on Details It will go to Company Details pages.
- 3. User click KPI, will go to dashboard listing

Dashboard - Listing



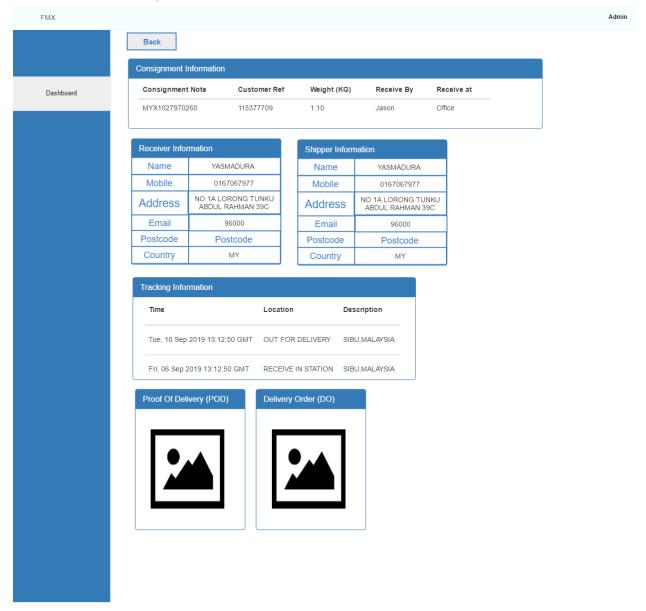
Default Behavior

- 1. Date range: From (today-7day) till today's date.
- 2. Each column need to be able to sort

Expected Behavior

1. User click View on Details - It will go to Shipment Details pages.

Dashboard Details Page

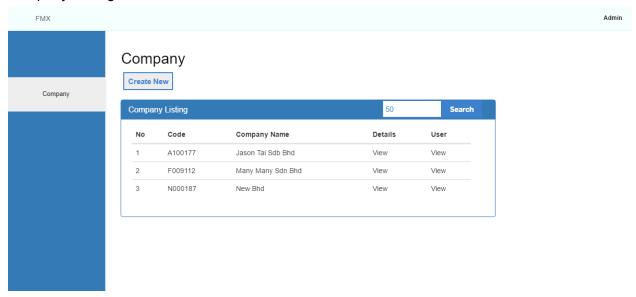


Default Behavior

- 1. This page is for VIEW only.
- 2. For the image is able to click and open to a new page for image. Allow user to download. API:

Company

Company Listing



Default Behavior

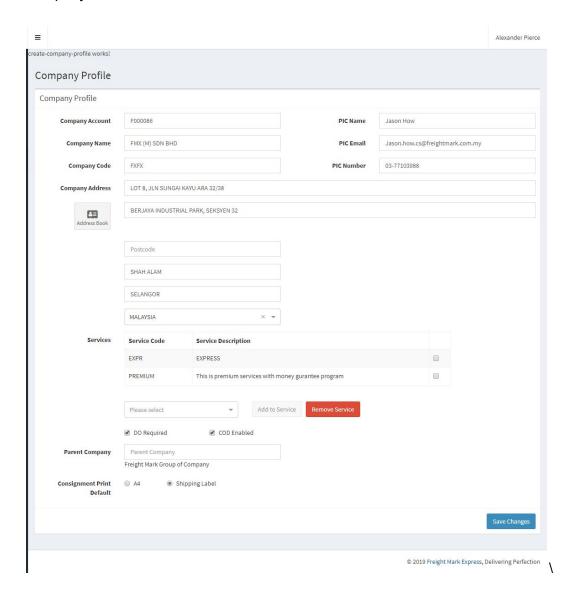
- 1. Create NEW Button is only view & accessible by ADMIN
- 2. This page is only can access by SUPERUSER, ADMIN
- 3. USER are not allowed to access this page.

Expected Behavior

- 1. User clicks the view details button to view company details.
- 2. User clicks the view User button to view the list of User that belong to the company
- 3. ADMIN click Create New -> go to create new company

- 1. Company: /api/company/listing/
- 2. Admin: /api/company/listing/admin

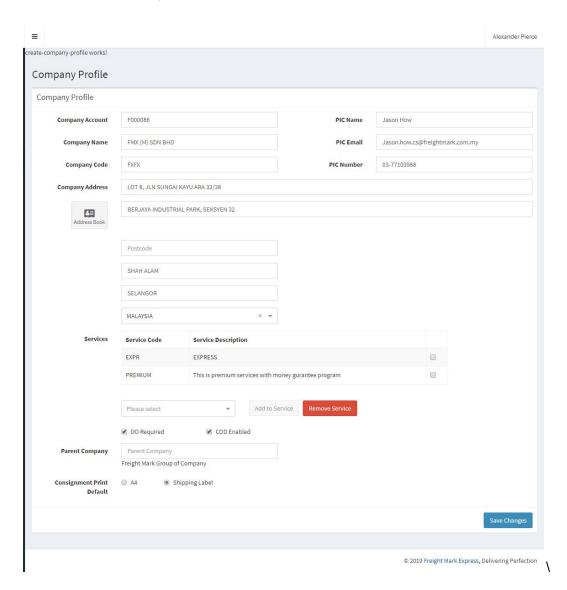
Company Details



Default Behavior

- 4. Only Company Address, Address book, PIC details are editable.
- 5. This page is only can access by SUPERUSER, BRUSER and ADMIN
- 6. USER are not allowed to access this page.
- 7. Other are **NON editable** fields for SUPERUSER and BRUSER.
- 8. ADMIN have access to edit ALL the company details.

Create New Company



Default Behavior

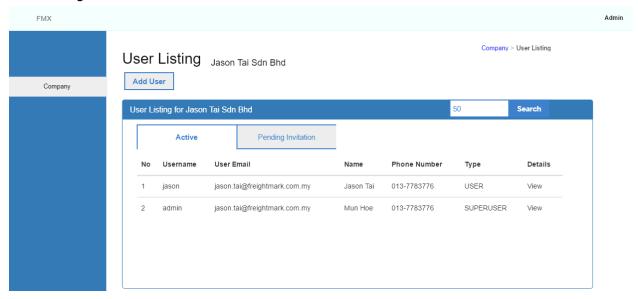
- 1. Company Account : Act as Search for company code & validation and default address will be returned and to auto populate the related fields.
- 2. Status failed will be return if the company is existed.

Expected:

1. After company has created - it will lead to User Listing Page.

User

User Listing



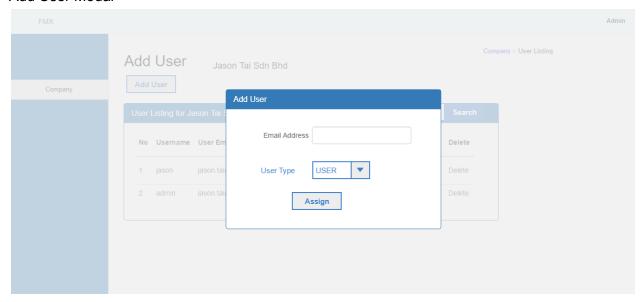
Default Behavior

- 1. This page will direct from company listing or After company has created.
- 2. Active: All the active User
- 3. Pending Invitation: User list that is not registered yet

Expected Behavior

- 1. User Click View Details to go for edit user modal.
- 2. User Click Add User to go for Add User modal.

Add User Modal



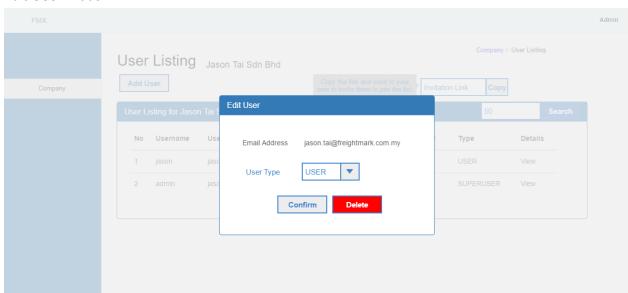
Default Behavior

1. By default, dropdown first choice is USER.

Expected Behavior:

1. User will type in the email address and click assign. At Backend, we will send invitation email for user to register. It will fall in into user listing - pending tabs

Edit User Modal



Default Behavior

- 1. By default, email address is only for view.
- 2. User type will load according to user Roles.

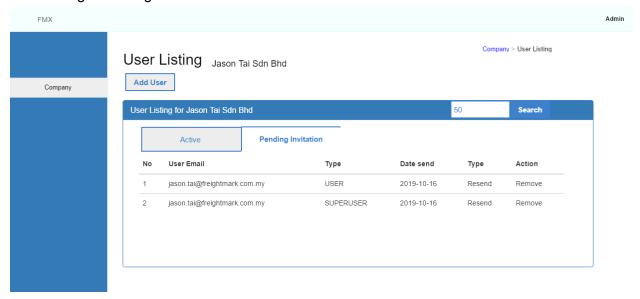
Expected Behavior

- 1. User click delete It will remove from the company. Then redirect to User listing page with refresh the list.
- 2. Click Confirm Then redirect to User listing page with refresh the list.

API:

Assign User: Update User:

User Listing - Pending



Default Behavior

- 1. This page will direct from company listing or After company has created.
- 2. Active: All the active User
- 3. Pending Invitation: User list that is not registered yet

API Changes Log:

1. User

```
a. /api/user/login
                 Body Data
             i.
                        "username": "admin",
                        "password" : "admin123"
            ii.
                 Data Return
                     1. Format: JSON
                     2. Data:
                           "id": "644b2a26-de89-4c6c-a3fe-ea8e012c82dd",
                           "firstName": "admin",
                           "lastName": "123",
                            "email": "kong.mun.hoe@freightmark.com.my",
                           "role": "ADMIN",
                           "base company": "11b91530-b4e8-4b47-b3d3-e6d4e31077a9",
                            "token": "f16a50450216b78cf797da0873248fcfffba3345",
                           "status": true,
                            "user id": "644b2a26-de89-4c6c-a3fe-ea8e012c82dd"
                     3. Explanation:
                            a. "role"
                                 i.
                                      ADMIN
                                 ii.
                                      SUPERADMIN
                                 iii.
                                      USER
                            b. "Base_company" - which company is this user tied too.
2. Shipment
       a. /api/shipment/create
                 Body Data
             i.
                     1. Sample
                               "company_id": "11b91530-b4e8-4b47-b3d3-e6d4e31077a9",
                               "customer_reference": "TEST001",
```

2. Add company_id during create shipment - So that backend will identify which consignment this cons belong too.

"origin_address_id": null,

- ii. Data Return
 - a. Format: JSON
 - b. Data:

```
"status": true,
  "message": "Shipment Created",
  "shipment_id": "2609",
  "consignment_no": "MYC0100045041"
}
```

- c. Explanation:
 - i. Add additional consignment_no

3. Manifest

a. Manifest List via data range

/api/manifest/<company_id>/list/?start_date=20190909&end_date=&20190911details= 0&details status=all

- i. Body Data None
- ii. Return
 - 1. Format: JSON
 - 2. Data:

```
"status": true,
"data": [
        "manifest_id": "95dd6345-350d-457d-8724-8f53489ffeaa",
        "company_id": "11b91530-b4e8-4b47-b3d3-e6d4e31077a9",
        "manifest no": "FMFXFX20190909001",
        "is_close": false,
        "created_date": "2019-09-09 17:18:30",
        "last_modify_date": "2019-09-09T17:18:30.480391",
        "count": 1
    },
        "manifest id": "d8b2877e-08f8-49a0-85e2-d6badae6d071",
        "company_id": "11b91530-b4e8-4b47-b3d3-e6d4e31077a9",
        "manifest_no": "FMFXFX20190910001",
        "is_close": false,
        "created_date": "2019-09-10 01:25:52",
        "last_modify_date": "2019-09-10T01:25:52.941605",
        "count": 2
]
```

- 3. Explanation:
 - a. Add created_date & last_modify_date for all List
- 4. Module Name
 - a. API Name
 - i. Body Data -- Data that send
 - ii. Return