Employee Inbox
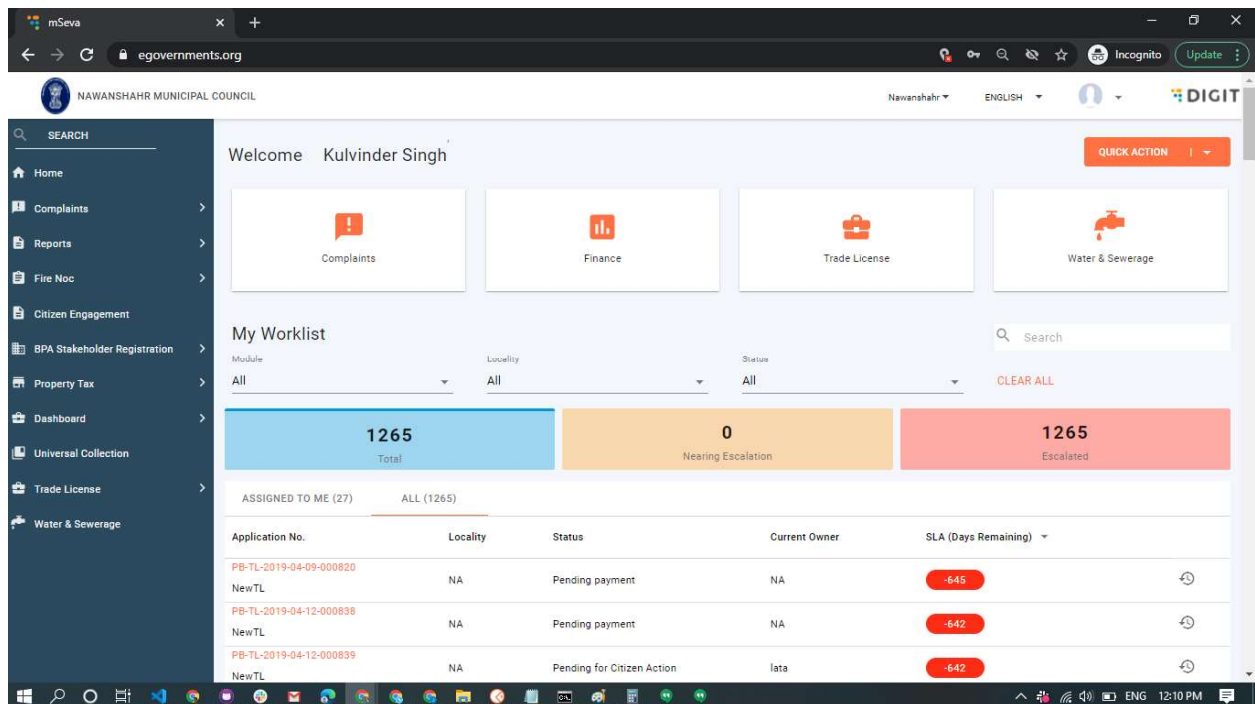
Objective

Provide Employee to show the Assigned applications and all the applications which are pending for action.

Route - https://egov-micro-uat.egovernments.org/employee/inbox

Technical Implementation Details

Inbox screen is loaded based on the file frontend/index.js at master · egovernments/frontend

Inbox screen can be divided into 4 sub components as listed below:

1. Sidebar
2. Quick Action Button
3. Service List
4. Inbox Worklist

Sidebar

Action Menu is the component which shows the menu items in the sidebar based on the response from the access/v1/actions/mdms/_get API.

Action Menu component file is present in frontend/index.js at master · egovernments/frontend based on the response the actions gets filtered based on the condition navigation URL.

Quick Action

Quick Action button which shows the menu based on the response from the access/v1/actions/mdms/_get API.

Quick Action button is present in frontend/index.js at master · egovernments/frontend based on the response the actions gets filtered based on the condition item.url === "quickAction"

Service List

Service List is the component which shows the menu based on the response from the access/v1/actions/mdms/_get API .

frontend/index.js at master · egovernments/frontend based on the response the actions gets filtered based on the condition item.url === "card"

Inbox Worklist

Inbox worklist is the component which shows the records based on the response from the /egov-workflow-v2/egov-wf/process/_search API.

frontend/index.js at master · egovernments/frontend

Inbox worklist contains options to filter and search the records based the options.

Fetching all the records from the process instance is not made a single call since we might lot of records, so we make a call to get the total count from egov-workflow-v2/egov-wf/process/_count API then we load initial records by 2 network calls one maximum 500 and the remaining records.

Once we receive all the records we load locality of the records based on the locality search provided from the service (BUSINESS SERVICE). Except for the Property Services, as for property records we load through property search.

Assigned to me Tab

Assigned to me Tab which shows the Assigned applications based on the logged in user. From the process instance response we get all the records from which we filter the records based on the following condition

```
1 get(item, 'assignes[0].uuid')=== uuid;
```

here uuid is the logged in Employees User id and item is the total records.

SLA

SLA of the Application is based on the businesssServiceSla and it is converted in the following conversion.

item.businesssServiceSla / (1000 * 60 * 60 * 24)

Nearing Escalation and Escalated

Nearing Escalation and Escalated is identified based on the businesssServiceSla present in that record and the configured MDMS data wfSlaConfig it contains the slot color and percentage.

Pagination

Pagination is configured in the mdms to hold default records and default options to show rows per page

Table and Table pagination can be accessed from this file

frontend/index.js at master · egovernments/frontend

MDMS config

egov-mdms-data/TablePaginationOptions.json at 77f19c91861fab275c1b22d5063f69b4099bda15 · egovernments/egov-mdms-data

```
1 {
2   "tenantId": "pb",
3   "moduleName": "common-masters",
4   "TablePaginationOptions": [
5     {
6       "rowsPerPageOptions": [25, 50, 100],
7       "defaultValue": 100
8     }
```

```
9   ]
10 }
11
```

Application Redirection

In every row we have a option to view / perform action on the record , for that it redirects to the module, it is configured in frontend/workflowRedirectionConfig.js at master · egovernments/frontend

Filter Options

Here all the filter options are derived from the records that we receive through the process instances. It was not from any MDMS data.

Role Action Mapping

S.NO	API	ROLES	ACTION ID
1	egov-mdms-service/v1/_search	SUPERUSER , LOA_CREATOR , WO_CREATOR , AE_CREATOR , WORKS_MASTER_CREATOR	954
2	access/v1/actions/mdms/_get	SUPERUSER,EMPLOYEE ,CITIZEN	870
3	user/_search	SUPERUSER,EMPLOYEE ,CITIZEN	604
4	egov-workflow-v2/egov-wf/process/_count	SUPERUSER,EMPLOYEE ,NOC_CEMP,PT_CEMP,TLCEMP	2027
5	egov-workflow-v2/egov-wf/process/_search	EMPLOYEE,CITIZEN,SUPERUSER	1730
6	egov-workflow-v2/egov-wf/businessservice/_search	EMPLOYEE,CITIZEN,SUPERUSER	1743