

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

<https://github.com/egovernments/frontend/blob/master/web/rainmaker/packages/employee/src/modules/employee/Inbox/index.js>

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

<https://github.com/egovernments/frontend/blob/master/web/rainmaker/dev-packages/egov-ui-kit-dev/src/common/common/ActionMenu/index.js> 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

<https://github.com/egovernments/frontend/blob/master/web/rainmaker/dev-packages/egov-ui-framework-core/src/ui-molecules/MenuButton/index.js> 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.

<https://github.com/egovernments/frontend/blob/master/web/rainmaker/dev-packages/egov-ui-kit-dev/src/common/common/ServiceList/index.js> 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.

<https://github.com/egovernments/frontend/blob/master/web/rainmaker/packages/employee/src/modules/employee/Inbox/components/TableData/index.js>

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

The screenshot shows the 'My Worklist' interface. At the top, there are filters for Module (All), Locality (All), and Status (All), along with a search bar and a 'CLEAR ALL' button. Below the filters are three summary cards: 'Total' (1265), 'Nearing Escalation' (0), and 'Escalated' (1265). Below the cards are two tabs: 'ASSIGNED TO ME (27)' and 'ALL (1265)'. The 'ASSIGNED TO ME (27)' tab is active, showing a table with columns: Application No., Locality, Status, Current Owner, and SLA (Days Remaining). The table contains one record: Application No. PB-TL-2019-10-14-003138, Locality NA, Status Pending payment, Current Owner Kulvinder Singh, and SLA (Days Remaining) -457.

Application No.	Locality	Status	Current Owner	SLA (Days Remaining)
PB-TL-2019-10-14-003138	NA	Pending payment	Kulvinder Singh	-457

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

```
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 businessServiceSla and it is converted in the following conversion.

$\text{item.businessServiceSla} / (1000 * 60 * 60 * 24)$

Nearing Escalation and Escalated

Nearing Escalation and Escalated is identified based on the businessServiceSla 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

<https://github.com/egovernments/frontend/blob/master/web/rainmaker/packages/employee/src/modules/employee/Inbox/components/Table/index.js>

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

<https://github.com/egovernments/frontend/blob/master/web/rainmaker/packages/employee/src/modules/employee/Inbox/components/Table/workflowRedirectionConfig.js>

Filter Options

Here all the filter options are derived from the records that we receive through the process instances. These are 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	870

		,CITIZEN	
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