Bill Amendment Apply

Apply for Bill Amendment

Bill Amendment Gets initiated from the Individual modules, currently we have enabled for Water and Sewerage screens.

The option for the Billamend is shown based on the 3 Criteria

- 1. Based on the MDMS Service wise enabled using is isBillAmendmentEnabled Flag in the the MDMS moduleName: "BillingService", masterDetails: name: "BusinessService".
- 2. Based on The demand, if there is demand from the demand search for that consumer code then again the option wont be shown
- 3. Based on the Amendment search, if a Amendment Application was created already on the same consumer and it is not approved then we don't get option to create a new Bill amend from the connection details screen in individual Service.

Reference

https://github.com/egovernments/frontend/blob/b54d63c5c6c49e7bacd30a9d0501ad2cab580f87/web/rainmaker/dev-packages/egov-wns-dev/src/ui-config/screens/specs/wns/connection-details.js once all the conditions satisfies we proceed to Apply for new Amendment application.

Reference

https://github.com/egovernments/frontend/blob/7dbe930bb2a8af8f3544f48810b722b01f002c33/web/rainmaker/dev-packages/egov-billamend-dev/src/ui-config/screens/specs/utils/index.js

Route -https://egov-micro-dev.egovernments.org/employee/bill-amend/apply

Stepper 1

Source path: https://github.com/egovernments/frontend/blob/master/web/rainmaker/dev-packages/egov-billamend-dev/src/ui-config/screens/specs/bill-amend/apply.js

The entire drop down data is mapped through mdms response.

For to display MDMS data we have common container in UI Framework ("getSelectField"). In Bill Amendment: We used common container for Demand Revision Basis.

Sample JSON for Structure Type and Sub Structure Type:

```
demandRevisionBasis: getSelectField({
    label: {
        labelName: "Demand Revison Basis",
        labelKey: "BILL DEMAND REVISON BASIS LABEL
    },
    placeholder: {
        labelName: "Select Demand Revison Basis",
        labelKey: "BILL DEMAND REVISON BASIS PLACE
    },
    jsonPath: "Bill.demandRevisionBasis",
    sourceJsonPath: "applyScreenMdmsData.BillAmend
    required: true,
    gridDefination: {
        xs: 12,
        sm: 12,
        md: 6
```

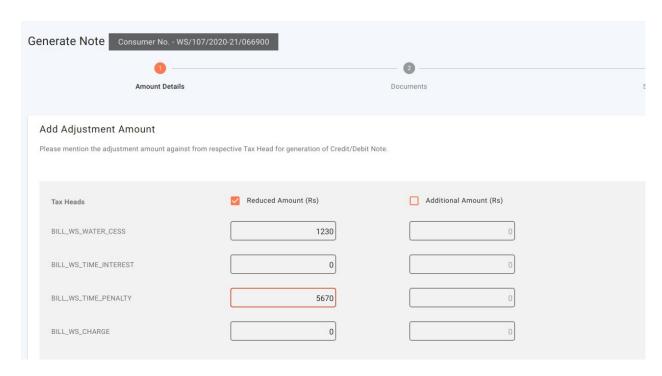
jsonPath is used to store the data in specified path when clicking event triggers or on handleFieldChange. **sourceJsonPath** is the path where the data is fetched to populate in the dropdown.

Mdms data

Demand Revision Type data is fetched from https://github.com/egovernments/egov-mdms-data/blob/DEV/data/pb/BillAmendment/DemandRevisionBasis.json

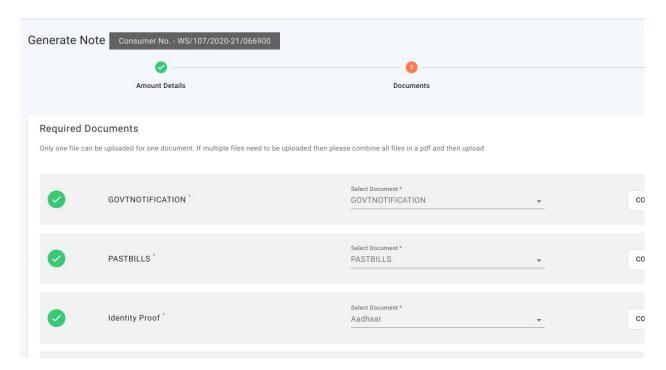
Amount details is the first stepper

Source Path: <a href="https://github.com/egovernments/frontend/blob/master/web/rainmaker/dev-packages/egov-billamend-dev/src/ui-config/screens/specs/bill-amend/applyResource/amountDetails.is packages/egov-billamend-dev/src/ui-config/screens/specs/bill-amend/applyResource/amountDetails.is



Stepper 2

Source Path: https://github.com/egovernments/frontend/blob/master/web/rainmaker/dev-packages/egov-billamend-dev/src/ui-config/screens/specs/bill-amend/applyResource/documentDetails.js

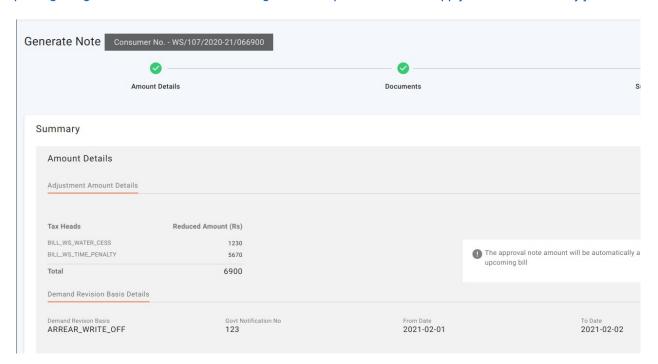


Mdms data: https://github.com/egovernments/egov-mdms-data/blob/DEV/data/pb/BillAmendment/documentObj.json

The data formatting logic is as shown below. prepareDocumentsUploadData(state, dispatch); in https://github.com/egovernments/frontend/blob/master/web/rainmaker/dev-packages/egov-billamend-dev/src/ui-config/screens/specs/bill-amend/utils/index.js

Stepper 3

Source path: https://github.com/egovernments/frontend/blob/master/web/rainmaker/dev-packages/egov-billamend-dev/src/ui-config/screens/specs/bill-amend/applyResource/summary.is



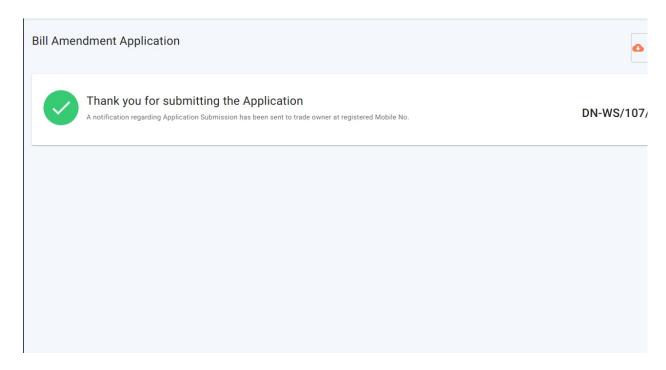
Apply Footer

Source path: https://github.com/egovernments/frontend/blob/master/web/rainmaker/dev-packages/egov-billamend-dev/src/ui-config/screens/specs/bill-amend/applyResource/footer.js
The Next, Previous and submit buttons are configured this json file.

```
nextButton: {
 componentPath: "Button",
 props: {
   variant: "contained",
   color: "primary",
    style: {
     minWidth: "200px",
     height: "48px",
     marginRight: "45px",
  },
 children: {
   nextButtonLabel: getLabel({
      labelName: "Next Step",
      labelKey: "BILL COMMON BUTTON NXT
   }),
   nextButtonIcon: {
      uiFramework: "custom-atoms",
      componentPath: "Icon",
      props: {
        iconName: "keyboard arrow right"
      },
```

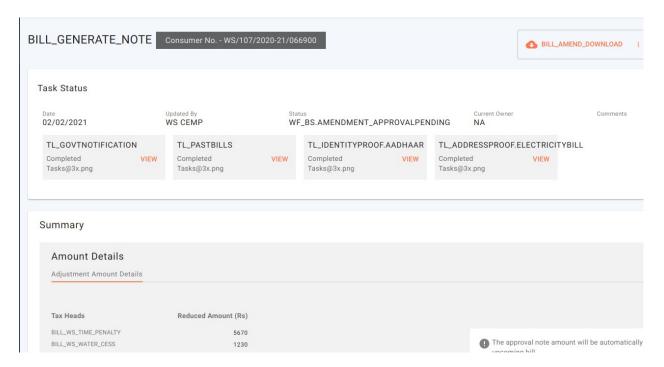
Success Screen

Souce path: https://github.com/egovernments/frontend/blob/master/web/rainmaker/dev-packages/egov-billamend-dev/src/ui-config/screens/specs/bill-amend/acknowledgement.js



Search-Preview

Source Path: https://github.com/egovernments/frontend/blob/master/web/rainmaker/dev-packages/egov-billamend-dev/src/ui-config/screens/specs/bill-amend/search-preview.js



Download PDF

Acknowledgement PDF
 It is Generated from the Client side itself and configuration is present in https://github.com/egovernments/frontend/blob/4beb20bfbd359b9aea52de0ddf06377a0717320

7/web/rainmaker/dev-packages/egov-ui-kit-dev/src/utils/pdfUtils/generateBillAmendAcknowledgement.js

2. Credit/ Debit Note PDF

It is been generated from the API , refer the function generateBillAmendPdf for the Instance inhttps://github.com/egovernments/frontend/blob/cd6b6beaddcb759ddcbacce6d79a9ce3b9197dc0/web/rainmaker/dev-packages/egov-billamend-dev/src/ui-config/screens/specs/billamend/utils/index.js

Workflow

Role	Action	Next State	Status
EMPLOYEE, CITIZEN	null	APPROVALPENDING	INWORKFLOW
EMPLOYEE	APPROVALPENDING	APPROVED/REJECTED	ACTIVE/INACTIVE

API Call Role Action Mapping

S.No.	API	Action id	Roles
1	/egov-mdms-service/v1/_search	954	
2	billing- service/amendment/_create	2059	WS_CEMP, SW_CEMP
3	/billing- service/amendment/_update	2061	WS_APPROVER, SW_APPROVER
4	/filestore/v1/files/url	1528	
5	billing-service/demand/_search	706	WS_CEMP, SW_CEMP, WS_APPROVER, SW_APPROVER
6	/billing- service/amendment/_search	2060	WS_CEMP, SW_CEMP, WS_APPROVER, SW_APPROVER