**POC #1:**

Approval Group listing page- make this page work end to end with a sample database table and fake data.

**Front-end work -**

* Create an Angular  grid (Neutrino?) to display approval groups.
* Data is fetched by pages through lazy loading (pagesize: 25 records)

**Back-end work -**

* create a database table APPROVAL\_GROUPS (DDL below) in any database. create some fake records (~200) in the table.
* Write Springboot controller, service, repository and entity classes to write end to end logic to access paginated data from database and return the data in the form of JSON. (Anurag/Ashwin will help define API signature, parameters etc for the POC)

**POC #2:**

"Block mail domains" listing page- make this page work end to end with a sample database table and fake data.

**Front-end work -**

* Create an Angular  grid (Neutrino?) to display list of blocked domains
* Data is fetched by pages through lazy loading (pagesize: 25 records)

**Back-end work -**

* create a database table **ORGANIZATION\_BLOCKED\_DOMAINS** (DDL below) in any database. create some fake records (~200) in the table.
* Write Springboot controller, service, repository and entity classes to write end to end logic to access paginated data from database and return the data in the form of JSON. (Anurag/Ashwin will help define API signature, parameters etc for the POC)

**DDLs:**

**APPROVAL\_GROUPS:**

CREATE TABLE "VULCAN"."APPROVAL\_GROUPS"

   (    "APPROVAL\_GROUPS\_ID" NUMBER(18,0),

    "ORGANIZATION\_ID2" NUMBER(18,0),

    "NAME" VARCHAR2(255 CHAR),

    "CREATED\_TS" DATE DEFAULT SYSDATE,

    "MODIFIED\_TS" DATE,

    "DESCRIPTION" VARCHAR2(1000 CHAR)

   ) SEGMENT CREATION IMMEDIATE

"APPROVAL\_GROUPS\_ID" IS 'Unique identifier of an approval group.';

"ORGANIZATION\_ID2" IS 'System generated unique identifier for the organization';

"NAME" IS 'The name of the approval group.';

 "APPROVAL\_GROUPS"."CREATED\_TS" IS 'Date and time the row was created.';

 "APPROVAL\_GROUPS"."MODIFIED\_TS" IS 'Date and time for the most recent modification to the item.';

 "APPROVAL\_GROUPS"."DESCRIPTION" IS 'A description of the approval group.';

 "APPROVAL\_GROUPS"  IS 'A group of users responsible for approving a mailing before it is sent.';

**ORGANIZATION\_BLOCKED\_DOMAINS**

  CREATE TABLE "VULCAN"."ORGANIZATION\_BLOCKED\_DOMAINS"

   (    "DOMAIN" VARCHAR2(127 CHAR),

    "ORGANIZATION\_ID" VARCHAR2(55 CHAR),

    "DATE\_ADDED" DATE,

    "REASON\_ADDED" VARCHAR2(255 CHAR),

    "ADDED\_BY\_SYSTEM" NUMBER(1,0) DEFAULT 0

   )

"ORGANIZATION\_BLOCKED\_DOMAINS"."DOMAIN" IS 'The name of the domain.';

"ORGANIZATION\_ID" IS 'Character string used to define an organization - holdover from the past?';

"DATE\_ADDED" IS 'The date on which the domain was added to the organization list of blocked domains.';

"REASON\_ADDED" IS 'The reason the domain was added to the list.';

"ADDED\_BY\_SYSTEM" IS 'An indication whether or not the domain was added to the list by the system.';

"ORGANIZATION\_BLOCKED\_DOMAINS"  IS 'An instance of a domain blocked by an organization.';

ApprovalGroup Screen:



Email domain blocking screen:



**Template Listing Page (model page):**

This is a transformed page which has pagination support and other UX improvements. New set of data is loaded when a user drags the scrollbar at the bottom. This page can be used as a model page for your POC.

