Counselling Project

Scope Of Project - Total 4 Screens

**Screen 1:** Home Screen - How to use video + Tag Mapping + Disclaimers

**Screen 2:** Rank Data screen

**Screen 3:** Placement Page

**Screen 4:** College/Branch Data screen(Optional Screen)

Download PDF on first screen

IT Details:

1. GIT Repo(Bit Bucket)
2. Two Modules - Server + UI
3. Server
   1. Java
   2. Gradle
   3. Spring BOot
   4. DB : PG
   5. Cache
   6. View Tracker - > Info
   7. Server UI communication - JSON
   8. Pagination
4. UI
   1. Angular 10
   2. HTML
   3. CSS (Bootstrap)
   4. Redux - akita store
   5. NPM

Design

On Load :

1. Counter update - Endpoint
2. Location option - Endpoint
3. Landing page -
   1. Static endPoint for
      1. Description
      2. YT Link
      3. Keyword Mapping (TBD)
      4. Disclaimer
4. Rank Data Screen
   1. Meta Data - Endpoint for all the unique values for filters. (9 )
   2. Actual Data - Endpoint
      1. Input FIlter values - ( 9 filter field + 2 for pagination + 1 for location)
      2. Input Default Filter(By default - Latest Year - all data)
      3. Each field will be array of values
      4. Response - actual result including distance
5. Collage Data Screen
   1. Meta Data - Endpoint for all the unique values for filters. (9 + 2 for pagination + 1 for location)
   2. Wrapper Endpoint on top of rank data screen end point
      1. Input FIlter values - (By default - Latest Year - all data)
      2. Each field will be array of values
      3. Response - actual result including distance
6. Placement Data Screen (action on select or search button click)
   1. Meta Data - Endpoint for unique values for filters(College + Branch Tag + year Duration).
   2. Endpoint for fetching placement data
      1. Input FIlter values - (Collage or Branch tag) + duration(optional)
      2. Each field will be unique
      3. Response - actual result

Total 9 Endpoints

EndPoint Details

Endpoint 1: Get Location

-------------------------

Request : /counsellingapp/get-all-city

Parameter : None

Type : Get

Response:

{

status: "Success",

data: {

defaultCity

{

"cityId":"1",

"cityFullName":"Bengaluru, Karnataka, India"

"cityDisplayName":"Bengaluru"

},

allCity

[

{"cityId":"1",

"cityFullName":"Bengaluru, Karnataka, India"

"cityDisplayName":"Bengaluru"

},

{"cityId":"1",

"cityFullName":"Bengaluru, Karnataka, India"

"cityDisplayName":"Bengaluru"

}

]

}

}

Endpoint 2: Access Uddate

-------------------------

Request : /counsellingapp/access-update

Parameter : IP Address

{

ipAddress: "10.121.223.21"

}

Type : Post

Response:

{

status: "Success",

data: {

message: "Success"

}

}

Endpoint 3: Landing Page

-------------------------

Request : /counsellingapp/how-to-use

Parameter : None

Type : Get

Response:

{

status: "Success",

data: {

"description": "Description to be provided by Vikash Sir",

"ytLink": "http://youtube.com",

"disclaimer": "Disclaimer to be provided by Vikash Sir",

"keyWordMap"

[

{"Keyword":"ECE",

"Description":"Electronics and communication"

},

{"Keyword":"CE",

"Description":"Computer Science"

}

]

}

Endpoint 4: Rank Screen

-------------------------

Request : /counsellingapp/rank-screen-metadata

Parameter : None

Type : Get

Response:

{

status: "Success",

data: {

"category": "[{1, OPEN},{2, SC} ]",

"gender": "[{1, OPEN},{2, SC} ]",

"quota": "[{1, OPEN},{2, SC} ]",

"collegeTags": "[{1, OPEN},{2, SC} ]",

.

.

{

"RankType":"advance",

"CR":"4234"

}

{

"RankType":"Main",

"CR":"4234"

}

{

"RankType":"XYZ",

"CR":"4234"

}

{

"MaxDistance":"3000",

}

}

Endpoint 5: Rank Screen - Actual Data endoint

-------------------------

Request : /counsellingapp/rank-screen-get-data

Parameter :

{

"category":"Open",

"gender" : "Girls Only"

"quota" : "Open"

"collegeTag" : "[1, 2]",

"institute" : "[1, 2]",

"branchTag" : "[1, 2]",

"duration" : "[4,5]",

"year" : "[2019,2020]"

"closingRank"{

{

"RankType":"advance",

"CR":"4234"

}

{

"RankType":"Main",

"CR":"4234"

}

{

"RankType":"XYZ",

"CR":"4234"

}

}

"city":"1"

"distance" : "2323",

"pageNumber" : "1"

"pageSize" : "100"

}

Type : Post

Response:

{

status: "Success",

data: {

"totalRecord" : "324342"

Actual Data Array

}