**Please Note: Red Text are Mandatory in respective APIs.**

**API 10: Get Area and Resource Details whose (Resource Type value POL\_DIST\_CNT1 for Resource 1 and Resource Type value POL\_DIST\_CNT2 for Resource 2) (This value is configurable in code at one place and can be changed)**

URL: [area/getAreaByLocationPolDist](http://localhost:8080/customMapAPIs/area/getAreaByLocationPolDist)

**Sample Request:**

{

"userId": "8",

"latLngSeparatedByComma":  "48.92100020832678,-112.2370634060909"

}

**Sample Response 1:** (When New User is Created)

{

    "response": " No Area Found!"

}

**Sample Response 2:** (When Area and Resource Found!)

{

    "customAreaId": 2028,

    "customAreaName": "asd",

    "resourceId1": 29,

    "resourceName1": "Resource\_NAME1",

    "resourceCode1": "R1CODE",

**"resourceTypeRes1": "POL", //POL Resource Type**

**"resourceType2Res1": "", //CDM Resource Type**

**"resourceType3Res1": "", //CND Resource Type**

**"resourceType4Res1": "", //OTHER Resource Type**

    "resourceImageFile1": "area 1\_POL\_DIST\_CNT1\_Police.jpg",

    "resourceCategoryId1": 6,

    "resourceCategoryName1": "Police",

    "resourceCategoryLogo1": "image3.png",

    "resourceTotalFlagCount1": 12,

    "resourceTotalFlagUniqueCount1": 2,

    "resourceGPR1": 72.2,

    "resourceImageData1": **"BASE 64 IMAGE DATA"**,

    "resourceCategoryLogoData1": **"BASE 64 IMAGE DATA"**,

    "resource1AttributesList": [

        {

            "attributeId": 7,

            "resourceId": 29,

            "attributeName": "Resource - Height",

            "attributeCode": "Code 1",

            "attributeValue": "Attr value1"

        },

        {

            "attributeId": 8,

            "resourceId": 29,

            "attributeName": "Resource - Weight",

            "attributeCode": "Code 2",

            "attributeValue": "Attr value2"

        }

    ],

    "resourceId2": 31,

    "resourceName2": "Resource\_NAME2",

    "resourceCode2": "R2CODE",

**"resourceTypeRes1": "", //POL Resource Type**

**"resourceType2Res2": "CDM", //CDM Resource Type**

**"resourceType3Res2": "", //CND Resource Type**

**"resourceType4Res2": "", //OTHER Resource Type**

    "resourceImageFile2": "area 1\_POL\_DIST\_CNT2\_Police.jpg",

    "resourceCategoryId2": 6,

    "resourceCategoryName2": "Police",

    "resourceCategoryLogo2": "image3.png",

    "resourceImageData2": **"BASE 64 IMAGE DATA"**,

    "resourceCategoryLogoData2": **"BASE 64 IMAGE DATA"**,

    "resourceTotalFlagCount2": 19,

    "resourceTotalFlagUniqueCount2": 11,

    "resourceGPR2": 84.210526,

    "resource2AttributesList": [

        {

            "attributeId": 7,

            "resourceId": 31,

            "attributeName": "Resource - Height",

            "attributeCode": "Code 1",

            "attributeValue": "Attr value1"

        },

        {

            "attributeId": 8,

            "resourceId": 31,

            "attributeName": "Resource - Weight",

            "attributeCode": "Code 2",

            "attributeValue": "Attr value2"

        }

    ]

}

**API 11: Get Area and Resource Details whose (Resource Type value FIR\_DIST\_CNT1 for Resource 1 and Resource Type value FIR\_DIST\_CNT2 for Resource 2) (This value is configurable in code at one place and can be changed)**

URL: [area/getAreaByLocationFirDist](http://localhost:8080/customMapAPIs/area/getAreaByLocationFirDist)

**Sample Request:**

{

"userId": "8",

"latLngSeparatedByComma":  "48.92100020832678,-112.2370634060909"

}

**Sample Response 1:** (When New User is Created)

{

    "response": " No Area Found!"

}

**Sample Response 2:** (When Area and Resource Found!)

{

    "customAreaId": 2028,

    "customAreaName": "asd",

    "resourceId1": 29,

    "resourceName1": "Resource\_NAME1",

    "resourceCode1": "R1CODE",

**"resourceTypeRes1": "FIR", //FIR Resource Type**

**"resourceType2Res1": "", //CDM Resource Type**

**"resourceType3Res1": "", //CND Resource Type**

**"resourceType4Res1": "", //OTHER Resource Type**

    "resourceImageFile1": "area 1\_POL\_DIST\_CNT1\_Police.jpg",

    "resourceCategoryId1": 6,

    "resourceCategoryName1": "Police",

    "resourceCategoryLogo1": "image3.png",

    "resourceImageData1": **"BASE 64 IMAGE DATA"**,

    "resourceCategoryLogoData1": **"BASE 64 IMAGE DATA"**,

    "resourceTotalFlagCount1": 12,

    "resourceTotalFlagUniqueCount1": 2,

    "resourceGPR1": 72.2,

    "resource1AttributesList": [

        {

            "attributeId": 7,

            "resourceId": 29,

            "attributeName": "Resource - Height",

            "attributeCode": "Code 1",

            "attributeValue": "Attr value1"

        },

        {

            "attributeId": 8,

            "resourceId": 29,

            "attributeName": "Resource - Weight",

            "attributeCode": "Code 2",

            "attributeValue": "Attr value2"

        }

    ],

    "resourceId2": 31,

    "resourceName2": "Resource\_NAME2",

    "resourceCode2": "R2CODE",

**"resourceTypeRes2": "", //POL Resource Type**

**"resourceType2Res2": "PDM", //CDM Resource Type**

**"resourceType3Res2": "", //CND Resource Type**

**"resourceType4Res2": "", //OTHER Resource Type**

    "resourceImageFile2": "area 1\_POL\_DIST\_CNT2\_Police.jpg",

    "resourceCategoryId2": 6,

    "resourceCategoryName2": "Police",

    "resourceCategoryLogo2": "image3.png",

    "resourceImageData2": **"BASE 64 IMAGE DATA"**,

    "resourceCategoryLogoData2": **"BASE 64 IMAGE DATA"**,

    "resourceTotalFlagCount2": 19,

    "resourceTotalFlagUniqueCount2": 11,

    "resourceGPR2": 84.210526,

    "resource2AttributesList": [

        {

            "attributeId": 7,

            "resourceId": 31,

            "attributeName": "Resource - Height",

            "attributeCode": "Code 1",

            "attributeValue": "Attr value1"

        },

        {

            "attributeId": 8,

            "resourceId": 31,

            "attributeName": "Resource - Weight",

            "attributeCode": "Code 2",

            "attributeValue": "Attr value2"

        }

    ]

}

**API 12: GPR Mark Flag, Used to Mark Flag for Resource**

URL: [gpr/markGPRFlag](http://localhost:8080/customMapAPIs/area/getAreaByLocationPolDist)

**Sample Request: (Provided resourceId and UserId should be of part of XY Coord)**

{

"userLocationCoord":"33.24303428541258,-119.52491207485241",

"resourceMaster":

{

"resourceId": 6

},

"userMaster":

{

"userId": 63

},

"flagValue":"1",

"customAreaId":"2035"

}

**flagValue should be “S” or “N”**

**Sample Response 1:** (When Everything Fine)

{

    "response": "Success"

}

**Sample Response 2:** (When Exception Occured)

{

    "response": "Failed"

}

**API 13: GET FIR and POL Resource and Heat Map Details for Landing Page.**

**This API will Save User’s XY, POL, FIR and State incase these details are absent during registration.**

URL:  landing/getFirPolResourceAndHeatMapDtl

**Sample Request:**

{

"userId": "8",

"latLngSeparatedByComma":  "48.92100020832678,-112.2370634060909"

}

**Sample Response 1:**

{

    "response": " No Area Found!"

}

**Sample Response 2:**

{

    "customAreaId": 2034,

    "customAreaName": "Alternative Area 1",

    "polResourceId": 33,

    "polResourceName": "Resource Name",

    "polResourceCode": null,

**"polResourceType": "POL",**

**"polResourceType2": "",**

**"polResourceType3": "",**

**"polResourceType4": "",**

    "polResourceImageFile": null,

    "polResourceCategoryId": 9,

    "polResourceCategoryName": "POLICE",

    "polResourceCategoryLogo": "image5.jpf",

    "polResourceImageData": "BASE 64 STRING",

    "polResourceCategoryLogoData": "BASE 64 STRING",

    "firResourceId": 45,

    "firResourceName": "Resource Name",

    "firResourceCode": "",

**"firResourceType": "FIR",**

**"firResourceType2": "",**

**"firResourceType3": "",**

**"firResourceType4": "",**

    "firResourceImageFile": "Alternative Name\_FIRE DIST\_Fire.jpg",

    "firResourceCategoryId": 8,

    "firResourceCategoryName": "Fire",

    "firResourceCategoryLogo": "image4.jpg",

    "firResourceImageData": "BASE 64 STRING",

    "firResourceCategoryLogoData": "BASE 64 STRING",

    "heatMapDataList": [

        {

            "userLocationCoord": "33.24303428541258,-119.52491207485241",

            "userLocationTimestamp": "2018-12-14 21:24:42",

            "activityPage": "/landing",

            "userId": 8

        },

        {

            "userLocationCoord": "33.24303428541258,-119.52491207485241",

            "userLocationTimestamp": "2018-12-14 10:00:00",

            "activityPage": "/landing",

            "userId": 14

        }

    ]

}

**API 14: GET TOP 3 CDM Resources for Landing Page.**

URL:  landing/getTopThreeCDM

**Sample Request:**

{

"userId": "8",

"latLngSeparatedByComma":  "48.92100020832678,-112.2370634060909"

}

**Sample Response 1:**

{

    "response": " No Area Found!"

}

**Sample Response 2:**

{

    "customAreaId": 2034,

    "customAreaName": "Alternative Area 1",

    "cdmResourceId": 38,

    "cdmResourceName": "Jackson CDM",

    "cdmResourceCode": "",

**"cdmResourceType": "",**

**"cdmResourceType2": "CDM",**

**"cdmResourceType3": "",**

**"cdmResourceType4": "",**

    "cdmResourceImageFile": "Alternative Name\_Sergeant Major\_Fire.jpg",

    "cdmResourceCategoryId": 8,

    "cdmResourceCategoryName": "Fire",

    "cdmResourceCategoryLogo": "image4.jpg",

    "cdmResourceImageData": "**Base 64 String Image Data**",

    "cdmResourceCategoryLogoData": "**Base 64 String Image Data**",

    "cdmResourceGPR": 73.68421,

    "cdmo1OrCnd1ResourceId": 39,

    "cdmo1OrCnd1ResourceName": "Mr. Tom CMDO1",

    "cdmo1OrCnd1ResourceCode": "",

**"cdmo1OrCnd1ResourceType": "",**

**"cdmo1OrCnd1ResourceType2": "CDMO1",**

**"cdmo1OrCnd1ResourceType3": "",**

**"cdmo1OrCnd1ResourceType4": "",**

    "cdmo1OrCnd1ResourceImageFile": "Alternative Name\_PDM\_Police.jpg",

    "cdmo1OrCnd1ResourceCategoryId": 6,

    "cdmo1OrCnd1ResourceCategoryName": "Police",

    "cdmo1OrCnd1ResourceCategoryLogo": "image2.png",

    "cdmo1OrCnd1ResourceImageData": "**Base 64 String Image Data**",

    "cdmo1OrCnd1ResourceCategoryLogoData": "**Base 64 String Image Data**",

    "cdmo1OrCnd1ResourceGPR": 84.210526,

    "cdmo2OrCnd2ResourceId": 40,

    "cdmo2OrCnd2ResourceName": "Mr. GOMZ CMDO2",

    "cdmo2OrCnd2ResourceCode": "",

**"cdmo2OrCnd2ResourceType": "",**

**"cdmo2OrCnd2ResourceType2": "CDMO2",**

**"cdmo2OrCnd2ResourceType3": "",**

**"cdmo2OrCnd2ResourceType4": "",**

    "cdmo2OrCnd2ResourceImageFile": "Alternative Name\_POLICE DIST\_Police.jpg",

    "cdmo2OrCnd2ResourceCategoryId": 6,

    "cdmo2OrCnd2ResourceCategoryName": "Police",

    "cdmo2OrCnd2ResourceCategoryLogo": "image2.png",

    "cdmo2OrCnd2ResourceImageData": "**Base 64 String Image Data**",

    "cdmo2OrCnd2ResourceCategoryLogoData": "**Base 64 String Image Data**",

    "cdmo2OrCnd2ResourceGPR": 98.1211

}

**API 14: GET TOP 3 PDM Resources for Landing Page.**

URL:  landing/getTopThreePDM

**Sample Request:**

{

"userId": "8",

"latLngSeparatedByComma":  "48.92100020832678,-112.2370634060909"

}

**Sample Response 1:**

{

    "response": " No Area Found!"

}

**Sample Response 2:**

{

    "pdmResourceId": 38,

    "pdmResourceName": "Jackson PDM",

    "pdmResourceCode": "",

**"pdmResourceType": "",**

**"pdmResourceType2": "PDM",**

**"pdmResourceType3": "",**

**"pdmResourceType4": "",**

    "pdmResourceImageFile": "Alternative Name\_Sergeant Major\_Fire.jpg",

    "pdmResourceCategoryId": 8,

    "pdmResourceCategoryName": "Fire",

    "pdmResourceCategoryLogo": "image4.jpg",

    "pdmResourceImageData": "**BASE 64 STRING**",

    "pdmResourceCategoryLogoData": "**BASE 64 STRING**",

    "pdmResourceGPR": 73.68421,

    "pdmo1OrCndp1ResourceId": 39,

    "pdmo1OrCndp1ResourceName": "Mr. Tom PDMO1",

    "pdmo1OrCndp1ResourceCode": "",

**"pdmo1OrCndp1ResourceType": "",**

**"pdmo1OrCndp1ResourceType2": "PDMO1",**

**"pdmo1OrCndp1ResourceType3": "",**

**"pdmo1OrCndp1ResourceType4": "",**

    "pdmo1OrCndp1ResourceImageFile": "Alternative Name\_PDM\_Police.jpg",

    "pdmo1OrCndp1ResourceCategoryId": 6,

    "pdmo1OrCndp1ResourceCategoryName": "Police",

    "pdmo1OrCndp1ResourceCategoryLogo": "image2.png",

    "pdmo1OrCndp1ResourceImageData": "**BASE 64 STRING**",

    "pdmo1OrCndp1ResourceCategoryLogoData": "**BASE 64 STRING**",

    "pdmo1OrCndp1ResourceGPR": 84.210526,

    "pdmo2OrCndp2ResourceId": 40,

    "pdmo2OrCndp2ResourceName": "MR. PDMO2",

    "pdmo2OrCndp2ResourceCode": "",

**"pdmo2OrCndp2ResourceType": "",**

**"pdmo2OrCndp2ResourceType2": "PDMO2",**

**"pdmo2OrCndp2ResourceType3": "",**

**"pdmo2OrCndp2ResourceType4": "",**

    "pdmo2OrCndp2ResourceImageFile": "Alternative Name\_POLICE DIST\_Police.jpg",

    "pdmo2OrCndp2ResourceCategoryId": 6,

    "pdmo2OrCndp2ResourceCategoryName": "Police",

    "pdmo2OrCndp2ResourceCategoryLogo": "image2.png",

    "pdmo2OrCndp2ResourceImageData": "**BASE 64 STRING**",

    "pdmo2OrCndp2ResourceCategoryLogoData": "**BASE 64 STRING**",

    "pdmo2OrCndp2ResourceGPR": 66.6

}