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

**API 1: Send OTP To Mobile & Create New User**

In This API , "userMobile", "userCountryCode" are required and Works on **POST,**This API will return UserMaster Json if any user already exists with mobile and country code, else will create New User and return response String as "**response:** **Otp Sent! New User Created!**" and send Mobile Otp to User.

URL : <http://localhost:8080/customMapAPIs/user/sendMobileOtp>

Sample Request 1:

{

"userMobile": "447817799083",

"userCountryCode": "44",

}

Sample Response 1: (When New User is Created)

{

    "response": "Otp Sent! New User Created!"

}

Sample Response 1: (When Existing User is Came back)

{

    "response": "Otp Sent!"

}

**API 2: Validate Mobile OTP**

In This API, "userMobile", "userCountryCode", "userOtp" are required and Works on Post, This API will return response String as "**response:true**" or "**response:false**".

URL : <http://localhost:8080/customMapAPIs/user/validateMobileOtp>

Sample Request:

{

"userMobile": "447817799083",

"userCountryCode": "44",

"userOtp": "013855",

"userInitCoord": "48.92100020832678,-112.2370634060909"

}

Sample Response: (When userInitCoord is missing or is not inside any of the Area)

{

"userId": 14,

"userFirstName": null,

"userLastName": null,

"userEmail": null,

"userFb": null,

"userMobile": 12312123,

"userCountryCode": "+44",

"userOtp": "345592",

"isUserValidated": "Y",

"isEnabled": "Y",

"userPassword": null,

"userVerificationToken": null,

"userImageName": null,

"userImageData": null,

"latLngSeparatedByComma": null,

"userInitCoord": "33.3353629,-119.5354356",

"userPolArea": null,

"userFirArea": null,

"userState": null,

"areaStateMap": {

"Al\_Alabama": [

"Alternative Area 77",

"Alternative Area 78",

"Alternative Area 79",

"Alternative Area 38",

],

"Ala\_Alaska": [

"Alternative Area 9",

"Alternative Area 11",

]

}

}

Sample Response 1:

{

"userId": 1,

"userFirstName": "asdasd",

"userLastName": "asdasd",

"userEmail": null,

"userFb": null,

"userMobile": 9990925910,

"userCountryCode": "91",

"userOtp": "Verified",

"isUserValidated": "Y",

"isEnabled": "Y",

"userPassword": null,

"userVerificationToken": null,

"userImageName": null,

"userImageData": null,

"latLngSeparatedByComma": null,

"userInitCoord": null,

"userPolArea": null,

"userFirArea": null,

"userState": null

}

Sample Response 2:

{

    "response": "false"

}

**API 2: Insert Base Area Details**

In This API, " userPolArea", " userState", " userId" are required and Works on Post, This API will return response String as following Sample.

URL : <http://localhost:8080/customMapAPIs/user/insertBaseAreaDetails>

Sample Request 2:

{

"userId": "14",

"userPolArea": "POLICE AREA",

"userState": "Al"

}

Sample Response :

{

"response": "No Area Found on Input Area And State!"

}

Sample Response :

{

"response": "true"

}

**API 3: Send Registration Link To Mail & Create New User**

In This API , "userEmail" is required and rest field are optional and Works on **POST,**This API will return UserMaster Json if any user already exists with EmailId, else will create New User and return response String as "**response:** **Email Sent! New User Created!**" and send Registration Link to User.

URL : <http://localhost:8080/customMapAPIs/user/sendEmailRegistrationLink>

Sample Request 1:

{

"userEmail": "[j@j.com](mailto:j@j.com)",

"userInitCoord": "48.92100020832678,-112.2370634060909" **//comma sep.(Lat-Lng)**

}

Sample Request 2:

{

"userEmail": "jasd@j.com",

"userPolArea": "POLICE AREA",

"userState": "Al"

}

Sample Response 1: (When userInitCoord is missing or is not inside any of the Area)

{

"Al\_Alabama": [

"Alternative Area 2",

"Alternative Area 4",

"Alternative Area 6"

],

"Ala\_Alaska": [

"Alternative Area 9",

"Alternative Area 11",

"Alternative Area 12",

"Alternative Area 10"

]

}

//In Above Response “Al\_Alabama” where “Al” is state Code and “Alabama” is state value

//key and value are separated by underscore

Sample Response 2 :

{

    "response": "Email Sent! New User Created!"

}

Sample Response 3 : (When User already Exists)

{

    "userId": 3,

    "userFirstName": "Jackson",

    "userLastName": "Jackson",

    "userEmail": "[j@j.com](mailto:j@j.com)",

    "userFb": 23412341234,

    "userMobile":  447817799083,

    "userCountryCode": "44",

    "userOtp": "013855",

    "isUserValidated": "Y",

    "isEnabled": "Y",

    "userPassword": "asd32!",

    "userVerificationToken": “dfsdfasdfa232as” ,

"userImageName": "user\_image.jpg",

"userImageData": “**DATA IN FORM OF BASE64 STRING**”,

"latLngSeparatedByComma": null, **//DUMMY - THIS FIELD IS NOT IN USE**

"userInitCoord": "33.24303428541258,-119.52491207485241",

"userPolArea": "POL Alternative Area 1",

"userFirArea": "FIR Alternative Area 1",

"userState": "Alabama"

}

**API 4: Create/Update Password - Only when Registration is done via Email**

In This API, "userEmail" and "userPassword" are required and Works on POST.

This API will return response String as "response:true" or "response:false".

URL: <http://localhost:8080/customMapAPIs/user/createPassword>

Sample Request :

{

"userEmail": "[j@j.com](mailto:j@j.com)",

"userPassword": "asd32!"

}

Sample Response 1:

{

    "response": "true"

}

Sample Response 2:

{

    "response": "User is not Verfied!"

}

**API 5: Create User By FB**

In This API, "userFb" is required and rest are optional and Works on Post,

This API will return response String as "**response:true**" or "**response:false**".

URL: http://localhost:8080/customMapAPIs/user/userRegistratoionByFB

Sample Request 1:

{

  "userFirstName": "Jackson",

"userLastName": "Jackson",

"userEmail": "[j@j.com](mailto:j@j.com)",

"userFb": 123123123424353453,

"userMobile": "447817799083",

"userCountryCode": "44",

"userImageName": "user\_image.jpg",

"userImageData": “**DATA IN FORM OF BASE64 STRING**”,

"userInitCoord": "48.92100020832678,-112.2370634060909" **//comma sep.(Lat-Lng)**

}

Sample Request 2:

{

  "userFirstName": "Jackson",

"userLastName": "Jackson",

"userEmail": "[j@j.com](mailto:j@j.com)",

"userFb": 123123123424353453,

"userMobile": "447817799083",

"userCountryCode": "44",

"userImageName": "user\_image.jpg",

"userImageData": “**DATA IN FORM OF BASE64 STRING**”,

"userPolArea": "POLICE AREA",

"userState": "Al" //This should be State Code

}

Sample Response 1: (When userInitCoord is missing or is not inside any of the Area)

{

"Al\_Alabama": [

"Alternative Area 2",

"Alternative Area 4",

"Alternative Area 6"

],

"Ala\_Alaska": [

"Alternative Area 9",

"Alternative Area 11",

"Alternative Area 12",

"Alternative Area 10"

]

}

//In Above Response “Al\_Alabama” where “Al” is state Code and “Alabama” is state value

//key and value are separated by underscore

Sample Response 2:

{

    "response": "true"

}

Sample Response 3:

{

    "response": "false"

}

**API 6: Get User Profile Either By mobile and countryCode or email or Fb**

In This API , Either "userMobile" and "userCountryCode" or “userEmail” or “userFb”, are required and Works on POST.

This API will return UserMaster Json String or response String as "response:User Not Found!".

URL : <http://localhost:8080/customMapAPIs/user/getUserDetails>

Sample Request 1:

{

"userMobile": "447817799083",

"userCountryCode": "44"

}

Sample Request 2:

{

"userEmail": "[j@j.com](mailto:j@j.com)"

}

Sample Request 3:

{

" userFb": "3234113234"

}

Sample Response 1:

{

    "userId": 3,

    "userFirstName": "Jackson",

    "userLastName": "Jackson",

    "userEmail":[j@j.com](mailto:j@j.com),

    "userFb": 123123123424353453,

    "userMobile": 447817799083,

    "userCountryCode": "44",

    "userOtp": "013855",

    "isUserValidated": "Y",

    "isEnabled": "Y",

    "userPassword": "asd32!",

    "userVerificationToken": "fa84cd13-028e-45fb-ad3c-c984369bb894",

"userImageName": "user\_image.jpg",

"userImageData": “**DATA IN FORM OF BASE64 STRING**”,

"latLngSeparatedByComma": null, **//DUMMY - THIS FIELD IS NOT IN USE**

"userInitCoord": "33.24303428541258,-119.52491207485241",

"userPolArea": "POL Alternative Area 1",

"userFirArea": "FIR Alternative Area 1",

"userState": "Alabama"

}

Sample Response 2:

{

    "response": "User Not Found"

}

**API 7: Update User Profile Either By mobile and countryCode or email or Fb**

In This API, Either "userMobile" and "userCountryCode" or “userEmail” or “userFb”, are required and whole userMaster profile is required to update and Works on POST.

This API will return response String as “response:true” Or "response:User Not Found!".

URL: <http://localhost:8080/customMapAPIs/user/updateUserDetails>

**Following fields can only be updated in this API**

Sample Request 1:

{

"userFirstName": "Jackson",

"userLastName": "Jackson",

"userEmail":[j@j.com](mailto:j@j.com),

"userFb": 123123123424353453,

"userMobile": 447817799083,

"userCountryCode": "44",

"isEnabled": "Y", // Only ‘Y’ or ‘N’ is allowed

"userPassword": "asd32!",

"userImageName": "user\_image.jpg",

"userImageData": “**DATA IN FORM OF BASE64 STRING**”

}

Sample Response 1:

{

    "response": "true"

}

Sample Response 2:

{

    "response": "User Not Found"

}

**API 8: Forget Password - Only when User Have Email**

In This API , "userEmail" is required Works on **POST,**This API will send a Verification Link to User.

URL : <http://localhost:8080/customMapAPIs/user/forgetPassword>

Sample Request:

{

"userEmail": "[j@j.com](mailto:j@j.com)",

}

Sample Response 1:

{

    "response": "Email Sent for Verfication!"

}

Sample Response 2:

{

    "response": " User Not Found!"

}

Once Verification has been done, User can Create / Update Password with the help of createPassword API.

**API 8: Check Email Verification**

In This API , "userEmail" is required Works on **POST,**This API will check if Email Verification is done or not.

URL: <http://localhost:8080/customMapAPIs/user/checkUserEmailVerfication>

Sample Request:

{

"userEmail": "[j@j.com](mailto:j@j.com)",

}

Sample Response 1:

{

    "response": "User is Verified!"

}

Sample Response 2:

{

    "response": "User is not Verified!"

}