**Use Case**

**GetSingleProfile**:

The GetSingle Profile is used to display the personal information of a particular user.

Steps in API:

Step 1: Receive unique id request

Step 2:The request is sent to the database.

Step 3: The database checks for the unique id of the user

Step 4: If the unique id exists the profile information is checked

Step 5: If all fields are filled information is fetched

Step 6: If information is empty or not complete error message

Step 7: If the unique id doesn't exist error message is displayed

| Case | Request | Response | Description |
| --- | --- | --- | --- |
| Request profile information which already exists in db that is completely filled | {  Profile information  } | {  “Status”: “success”,  “User id”:10  } |  |
| Request profile information which exists in db but is incomplete | {  Profile information  } | {  “Status” : “error”,  “Message” : “user profile not complete”  } |  |
| Request profile information which does not exists in db | {  Profile information  } | { “status”:”error”,  “Message”:”user profile is empty”  } |  |

**Use Case**

**InsertSingleProfile**:

The InsertSingle Profile is used to add the personal information of a particular user.The user must be able to fill in the personal information.

Steps in API:

Step 1: The user clicks on the user profile icon

Step 2: The request is sent to the database to check if the user is unique

Step 3: If the user id is unique the profile page is displayed

Step 4: The user must be able to fill all the fields in the profile page

Step 5: If any of the fields is left unfilled a prompt can be displayed with a message saying that particular field is not filled.

Step 6: If all fields are filled the information should be sent to the database

Step 7: The database should store the information when the user clicks on save.

Step 8: If the user id is not present the error message should be displayed

| Case | Request | Response | Description |
| --- | --- | --- | --- |
| Request user information if user is unique, exists in db and is complete | Request profile page with already filled details | {  “status”:success  } |  |
| Request user information  With first name filled | Request profile page with incomplete details | {  “Status”:error,  “Message”:profile incomplete  } |  |
| Request user information  When first name and last name is filled | Request profile page with incomplete details | {  “Status”:error,  “Message”:profile incomplete  } |  |
| Request user information  When first name and last name is filled | Request profile page with incomplete details | {  “Status”:error,  “Message”:profile incomplete  } |  |
| Request user information if user does not exists in db | Request profile page with wrong user | {  “Status”:error,  “Message”:profile doesnt exist  } |  |

**Use Case**

**GetUserListWithFilter:**

The GetUserListWithFilter is used to fetch the list of all the users with applicable filters.

Steps in API:

Step 1: When the users button is clicked the request to fetch the list must be sent to the database

Step 2: The database fetches the list of all the existing users

Step 3: When filters are applied the request is sent to the database

Step 4: The database fetches the information accordingly

**Test Cases**

| Case | Request | Response | Description |
| --- | --- | --- | --- |
| Request user list with firstname filter | {  First name  } | {  “status”:success”  } |  |
| Request user list with last name filter | {  Last name  } | {  “status”:success”  } |  |
| Request user list with email filter | {  email } | {  “status”:success”  } |  |
| Request user list with date of birth | {  Date of birth } | {  “status”:success”  } |  |
| Request user list with address filter | {  Address } | {  “status”:success”  } |  |
| Request user list with first name and last name filter | {  First name,  Last name } | {  “status”:success”  } |  |
| Request user list with first name and date of birth | {  First name,  Date of birth  } | {  “status”:success”  } |  |
| Request user list with first name and email filter | {  First name,  email  } | {  “status”:success”  } |  |
| Request user list with first name and Address filter | {  first name,  address  } | {  “status”:success”  } |  |
| Request user list with last name and email filter | {  Last name,  email  } | {  “status”:success”  } |  |
| Request user list with last name and date of birth filter | {  Last name,  Date of birth  } | {  “status”:success”  } |  |
| Request user list with last name and Address filter | {  Last name,  address  } | {  “status”:success”  } |  |
| Request user list with email and date of birth filter | {  Email,  Date of birth  } | {  “status”:success”  } |  |
| Request user list with email and Address filter | {  Email,  address  } | {  “status”:success”  } |  |
| Request user list with first name, last name and email filter | {  First name,  Last name,  email  } | {  “status”:success”  } |  |
| Request user list with first name, last name and address filter | {  First name,  Last name,  address  } | {  “status”:success”  } |  |
| Request user list with first name, last name and date of birth filter | {  First name,  Last name,  Date of birth  } | {  “status”:success”  } |  |
| Request user list with first name, last name email and date of birth filter | {  First name,  Last name,  email,  Date of birth  } | {  “status”:success”  } |  |
| Request user list with first name, last name email and address filter | {  First name,  Last name,  email,  address  } | {  “status”:success”  } |  |