**API Design**

**1. Login:**

|  |  |  |  |
| --- | --- | --- | --- |
| **API Method** | **API Name** | **Input** | **Output** |
| Get Mapping | /user | Username,Password | HTTP status response |

**Investor Side:**

**2. Type of Account:**

|  |  |  |  |
| --- | --- | --- | --- |
| **API Method** | **API Name** | **Input** | **Output** |
| Post Mapping | /account-type | Account Type  (Single Holder) |  |

|  |  |  |
| --- | --- | --- |
| /update-user/email?username | Email | HTTP status response |
| /update-user/mobile?username | Mobile | HTTP status response |
| /update-user/role?username | Role | HTTP status response |
| /update-user/scheme?username | Scheme | HTTP status response |
| /update-user/change\_password?username | Current Password, New Password | HTTP status response |
| /update\_user/active?username | Active | HTTP status response |

**API Design**

**1. User(/user):**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No** | **API Method** | **API Name / Endpoint** | **Input** | **Output** |
| 1 | Post Mapping |  | user\_name, user\_email, user\_mobile, user\_role, user\_scheme | HTTP status response |
| 2 | Put Mapping | /{username} | user\_name, user\_email, user\_mobile, user\_role, user\_scheme, Current password, New password, is\_active | HTTP status response |
| 3 | Get Mapping |  |  | User (or) HTTP status code |
| /{name} | user\_name | User (or) HTTP status code |
| /{email} | user\_email | User (or) HTTP status code |
| /{mobile} | user\_mobile | User (or) HTTP status code |
| /{username} | Username | User (or) HTTP status code |
| /{role} | user\_role | User (or) HTTP status code |
| 4 | Delete Mapping |  |  | HTTP status response |
| /{username} | Username | HTTP status response |
| 5 | Get Mapping | /login | Username, Password | HTTP status response |
| 6 | Post Mapping | /login/forget\_password?username | user\_mobile (or) user\_email, Password | HTTP status response |

**2. Role(/role):**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No.** | **API Method** | **API Name / Endpoint** | **Input** | **Output** |
| 1 | Post Mapping |  | role\_name, role\_description, is\_invitee | HTTP status response |
| 2 | Put Mapping | /{role\_name} | role\_name, role\_description, is\_active | HTTP status response |
| 3 | Get Mapping |  |  | “Role” (or) HTTP status response |
| /{role\_name} | role\_name | “Role” (or) HTTP status response |
| 4 | Delete Mapping |  |  | HTTP status response |
| /{role\_name} | role\_name | HTTP status response |

**3. Scheme(/scheme):**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No.** | **API Method** | **API Name / Endpoint** | **Input** | **Output** |
| 1 | Post Mapping |  | scheme\_name, scheme\_description, minimum\_amount | HTTP status response |
| 2 | Put Mapping | /{scheme\_name}(or){/id} | scheme\_name, scheme\_description, minimum\_amount, is\_active | HTTP status response |
| 3 | Get Mapping |  |  | “Scheme” (or) HTTP status response |
| /{scheme\_name} | scheme\_name | “Scheme” (or) HTTP status response |
| /{min\_amount} | minimum\_amount | “Scheme” (or) HTTP status response |
| 4 | Delete Mapping |  |  | HTTP status response |
| /{scheme\_name} | scheme\_name | HTTP status response |
| /{min\_amount} | minimum\_amount | HTTP status response |

**4. Module(/module)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No.** | **API Method** | **API Name / Endpoint** | **Input** | **Output** |
| 1 | Post Mapping |  | module\_name, module\_description | HTTP status response |
| 2 | Get Mapping |  |  | “Module” (or) HTTP status response |
| /{module\_name} | module\_name | “Module” (or) HTTP status response |
| 3 | Delete Mapping |  |  | HTTP status response |
| /{module\_name} | module\_name | HTTP status response |

**5. Role\_Module\_Privilege(/role-module):**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No.** | **API Method** | **API Name / Endpoint** | **Input** | **Output** |
| 1 | Post Mapping |  | role\_id, module\_id, CRUD, is\_active | HTTP status response |
| 2 | Put Mapping |  | CRUD, is\_active | HTTP status response |
| 3 | Get Mapping |  |  | “RM-Privilege” (or) HTTP status response |
| /{role\_id} | role\_id | “RM-Privilege” (or) HTTP status response |
| /{module\_id} | module\_id | “RM-Privilege” (or) HTTP status response |
| /{role\_id}/{module\_id} | role\_id,module\_id | “RM-Privilege” (or) HTTP status response |
| 4 | Delete Mapping |  |  | HTTP status response |
| /{role\_id}/{module\_id} | role\_id, module\_id | HTTP status response |

**5. Investor(/investor):**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No.** | **API Method** | **API Name / Endpoint** | **Input** | **Output** |
| 1 | Post Mapping |  | investor\_id, type(enum), mobile\_number, residential\_status, basic\_details\_id, personal\_details\_id,  address\_id, aadhar\_image, us\_passport\_number, current\_address\_proof, tax\_address\_proof,  photograph, bank\_details\_id, scheme\_details\_id,  invited\_by,  invited\_at, auditing\_id | HTTP status response |
| 2 | Put Mapping |  |  | HTTP status response |
| 3 | Get Mapping |  |  | HTTP status response |
|  |  | HTTP status response |
|  |  | HTTP status response |
|  |  | HTTP status response |
| 4 | Delete Mapping |  |  | HTTP status response |
|  |  | HTTP status response |

**5. Investor(/investor):**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No.** | **API Method** | **API Name / Endpoint** | **Input** | **Output** |
| 1 | Post Mapping |  | type(enum) | HTTP status response |
| 2 | Put Mapping |  | Mobile number | HTTP status response |
| 3 | Put Mapping |  | OTP | HTTP status response |
| 4 | Put Mapping |  | Residential\_status, country\_of\_tax\_residence, nationality, country\_of\_birth, citizenship, city/town\_of\_birth | HTTP status response |
| 5 | Put Mapping |  | (Basic Details) pan\_number, tin\_number, tin\_type, first\_name, middle\_name, last\_name, dob, gender |  |
| 6 | Put Mapping |  | (Personal Information) father\_name, mother\_name, occupation, marital\_status, spouse\_name |  |
| 7 | Put Mapping |  | (Contact & Address Info) phone\_number, permanent\_address, aadhar\_image, US\_passport\_number, currrent\_address, current\_address\_proof, tax\_residential\_address, tax\_residential\_proof, office\_address |  |
| 8 | Put Mapping |  | photograph |  |
| 9 | Put Mapping |  | (Bank Details) ((account\_type) current\_account, savings\_account, non\_residential\_ordinary, non\_residential\_external, foreign\_bank\_account, other), account\_number, ifsc\_code, swift\_code, bank\_name, branch\_name, |  |
| 10 | Put Mapping |  | (Scheme Details) Scheme\_name, investment\_manager, im\_email\_id, commitment\_amount, ((nominee),relationship,(basic\_details),(nominee\_address),) |  |