**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 |