**API Specification Doc**

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| --- | --- | --- | --- |
| **Version** | **Date** | **Author** | **Description** |
| 1.0 | 01-07-2023 | Rashid kp | Initial draft |
|  |  |  |  |

## **Schema:**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | users/schema/ |

## **Swagger-ui:**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | users/swagger-ui/ |

## **Documents:**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /users/redoc/ |

## **User creation:**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | users/signup/ |

## **Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| email | Email is the username | String |
| first\_name |  | string |
| last\_name |  | string |
| adhar\_id | Unique 10 digin number | string |
| contact\_number | 10digit | string |
| password |  | string |

## **Response**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| 201 | “return user details if created” | json |
| 403 | {“error”:”error message”} | json |
| 400 | Bad request: field not fullfilled | json |
|  | A wallet also created for user with 0 balance |  |

## **User Login:**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | users/login/ |

## **Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| email | Email is the username | String |
| password | password | string |

## **Response**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| 200 | Return email and jwt tocken | json |
| 400 | Bad request(type error) |  |
| 401 | Unautherized(wrong email or password) |  |

## **Add user address:**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | /users/add\_address/ |

## **Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| token | Token must be added in the header | String |
| country | Default: INDIA | string |
| state | required | string |
| address | required | string |
| locality | required | string |
| district | required | string |
| zip\_code | required | string |

## **Response**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| 201 | Created and returns address details | json |
| 403 | {“details”:”something went wrong”} | json |
| 401 | Unauthorized, token not valid | json |

## **Edit address:**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **PATCH** | /users/edit\_address/ |

## **Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| token | Token must be added in the header |  |
| address | Optional | string |
| locality | optional | string |
| district | optional | string |
| state | optional | string |
| zip\_code | optional | string |
| country | optional | string |

## **Response**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| 201 | Returns new address | json |
| 400 | Bad request(field error) | Json |
| 401 | Unauthorized, Invalid token | json |

## **get\_address:**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /users/get\_address/ |

## **Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| token | Token must be added in the header | String |

## **Response**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| 200 | Return address | json |
| 401 | Invalied tocken, unautherized | Json |
| 404 | User not found |  |

## **Update user:**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **PATCH** | /users/update\_user/ |

## **Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| token | Token must be added in the header |  |
| first\_name | Optional | string |
| last\_name | optional | string |
| email | optional | string |
| adhar\_id | optional | string |
| contact\_number | optional | string |
| country | optional | string |
| profile\_photo | optional |  |

## **Response**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| 201 | Returns updated user details | json |
| 400 | Bad request(field error) | Json |
| 401 | Unauthorized, Invalid token | json |

## **Get wallet balance:**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /users/get\_wallet\_balance/ |

## **Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| token | Token must be added in the header | String |

## **Response**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| 200 | {“balance”:value} | json |
| 401 | Invalied tocken and unautherized |  |

## **Get wallet transaction:**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /users/get\_wallet\_transaction/?wallet\_transaction\_id=id |

## **Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| token | Token must be added in the header | String |
| wallet\_transaction\_id | It returns the transaction details | string |

## **Response**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| 200 | Returns transaction details | json |
| 401 | Invalied tocken | String |
| 404 | Transcation not found | json |

## **New\_transaction:**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /users/new\_transaction/ |

## **Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| token | Token must be added in the header | String |
| wallet\_transaction\_type | Options:  WITHDRAWAL  DEPOSIT | string |
| wallet\_transaction\_amount | amount |  |

## **Response**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| 200 | Return transaction details | json |
| 401 | Invalied tocken, unautherized | Json |
| 403 | In sufficient balance | jason |

## **transaction\_history:**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /users/transaction\_history/ |

## **Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| token | Token must be added in the header | String |
| date\_from | Not required:  if date\_from not set all the transaction till the date\_to will return | string |
| date\_to | Default:tody date |  |

## **Response**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| 200 | Return transactions | json |
| 401 | Invalied tocken, unautherized | Json |

## **Government body User creation:**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | users/gov\_body\_signup/ |

## **Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| email | Email is the username | String |
| gov\_body\_name | Name of the gov body | string |
| contact\_number | 10dig number | string |
| profile\_photo | optional | string |
| role | Choices: LOCAL | DISTRICT | STATE  role should be one of the choices, one place can have only one gov user with a role. |  |
| password |  | string |
| locality |  | string |
| district |  | string |
| state |  | string |
| country | Default: india | string |

## **Response**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| 201 | “return user details if created” | json |
| 403 | {“error”:”error message”} | json |
| 400 | Bad request: field not fullfilled | json |

## **User Login:**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | users/gov\_login/ |

## **Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| email | Email is the username | String |
| password | password | string |

## **Response**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| 200 | Return email and jwt tocken | json |
| 400 | Bad request(type error) |  |
| 401 | Unautherized(wrong email or password) |  |

## **Get gov user wallet balance:**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | users/get\_gov\_wallet\_balance/ |

## **Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| Jwt tocken | Jwt must be included in the header | String |

## **Response**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| 200 | Return wallet balance | json |
| 401 | Unautherized, invalied jwt |  |

## **Gov user new transaction:**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | users/gov\_transaction/ |

## **Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| Jwt tocken | Jwt must be included in the header | String |
| wallet\_transaction\_type | Optons: DEPOSIT  WITHDRAWAL.  Value should be one of this | string |
| wallet\_transaction\_amount | amount | string |

## **Response**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| 200 | Return transaction details | json |
| 401 | Unauthorized, invalid jwt |  |
| 403 | Insufficient balance |  |

## **Gov user transaction history:**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | users/gov\_transaction\_history/ |

## **Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| Jwt tocken | Jwt must be included in the header | String |
| date\_from | Optional: if not provided all the transaction till the date\_to returnd | string |
| date\_to | Default: today date | string |

## **Response**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| 200 | Return transaction history | json |
| 401 | Unauthorized, invalid jwt |  |