**API Specification Doc**

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

## **Schema:**

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

## **Swagger-ui:**

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

## **Documents:**

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

## **User creation:**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | /api/user/signup/ |

## **Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| email | Email is the username | String |
| contact\_number |  | string |
| age |  | string |
| password |  | string |
| -- | \*all field is mandatory | -- |

## **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** | /api/user/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) |  |

## **Check token:**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /api/user/check\_token/ |

## **Request**

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

## **Response**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| 200 | Messsage:authentication succsss | json |
| 401 | Invalied tocken |  |

## **Add user address:**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | /api/user/add\_address/ |

## **Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| token | Token must be added in the header | String |
| country | required | string |
| state | required | string |
| address | required | string |
| place | required | string |
| city | required | string |
| zip\_code | required | string |
| contact\_number | 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 |

## **update\_profile\_photo:**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **PATCH** | /api/user/update\_profile\_photo/ |

## **Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| token | Token must be added in the header | String |
| profile\_photo | Update if image included in request, else existing image will be deleted | file |

## **Response**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| 201 | {"details":"created"} | json |
| 401 | Unauthorized,Invalid token | json |

## **Edit address:(need some updations, invalid key does not make error, state and country updation also)**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **PATCH** | /api/user/edit\_address/ |

## **Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| token | Token must be added in the header |  |
| address | Optional | string |
| place | optional | string |
| city | optional | string |
| zip\_code | optional | string |
| contact\_number | 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** | /api/user/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 |  |

## **Get wallet balance:**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /api/user/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** | /api/user/get\_wallet\_transaction/ |

## **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 |

**>>>>>**

## **Delete task:**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **DELETE** | /api/deletetask/<int:task\_id> |

## **Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| token | Token must be added in the header | String |
| email | email | String |
| task\_id | Task unique id | String |

## **Response**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| 200 | Message:”deleted” | json |
| 401 | Invalied tocken |  |

## **Task check:**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **PATCH** | /api/task\_check/<int:task\_id> |

## **Request**

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

## **Response**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| 200 | Return checked task | json |
| 401 | Invalied tocken |  |
| 404 | Task not found |  |

## **Task uncheck:**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **PATCH** | /api/task\_uncheck/<int:task\_id> |

## **Request**

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

## **Response**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| 200 | Unchecked task return | json |
| 401 | Invalied tocken |  |
| 404 | Task not found |  |

## **Task filter:**

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /api/task\_filter/?from\_date=yyy-mm-dd&to\_date=yyyy-mm-dd&status=status |

## **Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| token | Token must be added in the header | String |
| From\_date | mandatory | date |
| To\_date | Optional  default = date today | date |
| status | optional(checked, unchecked, all)  default: all | String |

## **Response**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| 200 | Return filtered data | json |
| 401 | Invalied tocken |  |
| 400 | Bad request(field error) |  |

## 