**API Specification Doc**

| **Version** | **Date** | **Author** | **Description** |
| --- | --- | --- | --- |
| 1.0 | 24-09-2023 | SUDHEESH U | Initial draft |
|  |  |  |  |

## **1. ADMIN:**

## **1. Admin Login:**

Admin have a username and password

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

## **Request**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| User Name | Admin have a username | String |
| Password | Admin have a password | Password |

## 

## 

## **Response**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| 200 | “Successfully Login to Admin panel ” |  |
| 501 | {“error”:”Username and password invalid} |  |

## 

## **2. Admin Panel:**

## This is the page for the Admin to view and the data of the website.

## 

| **Method** | **URL** |
| --- | --- |
| **GET** | admin\_dashboard |

## 

## **Response**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| 200 | ’Success’. Enter to admin\_Panel |  |

**Request pool**

Here Admin can manage trip requests

1. **Pending requests**

| **Method** | **URL** |
| --- | --- |
| **GET** | Adminuser/request\_pool/pending |

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | OK |

## **Response**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| Trip id | Id of the trip | int |
| Date | Starting date | Date time |
| From - To | Starting and end point | string |
| Posted on | Posted date | Date time |
| Car Model | Model of the car | int |
| Return date | Date of return | Date time |
| User | User who the request posted | String |

1. **Pending requests**

| **Method** | **URL** |
| --- | --- |
| **GET** | Adminuser/request\_pool/confirmed |

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | OK |

## **Response**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| Trip id | Id of the trip | int |
| Date | Starting date | Date time |
| From - To | Starting and end point | string |
| Posted on | Posted date | Date time |
| Car Model | Model of the car | int |
| Return date | Date of return | Date time |
| User | User who the request posted | String |
| Driver | Driver who accepted the trip | string |

1. **In\_progress live trips**

| **Method** | **URL** |
| --- | --- |
| **GET** | Adminuser/request\_pool/in\_progress |

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | OK |

## **Response**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| Trip id | Id of the trip | int |
| Started on | Starting date | Date time |
| From - To | Starting and end point | string |
| Posted on | Posted date | Date time |
| Car Model | Model of the car | int |
| Return date | Date of return | Date time |
| User | User who the request posted | String |
| Driver | Driver who accepted the trip | string |
|  |  |  |

1. **Completed requests**

| **Method** | **URL** |
| --- | --- |
| **GET** | Adminuser/request\_pool/completed |

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | OK |

## **Response**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| Trip id | Id of the trip | int |
| Date | Starting date | Date time |
| From - To | Starting and end point | string |
| Posted on | Posted date | Date time |
| Car Model | Model of the car | int |
| Return date | Date of return | Date time |
| User | User who the request posted | String |
| Driver | Driver who accepted the trip | string |

**Drivers**

| **Method** | **URL** |
| --- | --- |
| **GET** | Adminuser/drivers |

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | OK |

## **Response**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| Id | Id of drivers | int |
| Name | Name of diver | string |
| License | Status of license | bool |
| Kyc | Status of kyc | bool |
| Pcc | Status of pcc | bool |
| status | Active status | bool |

**Users**

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

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | OK |

## **Response**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| Id | Id of user | int |
| Name | Name of user | string |
| Kyc | Status of kyc | bool |
| status | Active status | bool |

**Transfer requests**

| **Method** | **URL** |
| --- | --- |
| **GET** | Adminuser/Bank\_transfer |

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | OK |

## **Response**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| Id | Id of payment request | int |
| Name | Name of user | string |
| Wallet balance | Wallet balance | int |
| To transfer | Amount to transfer | int |
| Bank | Bank name | string |
| Account number | Account number | int |

**Transfer requests completed**

| **Method** | **URL** |
| --- | --- |
| **GET** | Adminuser/Bank\_transfer/Completed |

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | OK |

## **Response**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| Id | Id of payment request | int |
| Name | Name of user | string |
| Wallet balance | Wallet balance | int |
| To transfer | Amount to transfer | int |
| Bank | Bank name | string |
| Account number | Account number | int |

## 

## **2. User:**

**1. User Sign Up:**

Here User can register details and create login .

| **Method** | **URL** |
| --- | --- |
| **POST** | /user\_registration |

**Request**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| Name | Name of the user | String |
| Username | User name of the user | string |
| Address | The address of the user | string |
| Email | User email | email |
| Phone No. | User phone number | int |
| Password | User can add password | password |

## 

## **Response**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| 201 | ’Success’. |  |
| 400 | Bad request- invalid input data |  |
| 409 | Conflict- user already exists |  |
| 500 | Internal server error |  |

**2. User Login:**

Here users can sign in with registered username and password.

| **Method** | **URL** |
| --- | --- |
| **POST** | /user\_signin |

**Request**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| Username | User have a username | string |
| Password | User have a password | password |

## **Response**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| 200 | ’Success’. |  |
| 401 | Unauthorized |  |
| 500 | internal server error |  |

**USER LOGOUT:**

Users can log out from the webpage..

| **Method** | **URL** |
| --- | --- |
| **GET** | /user/user\_logout |

## 

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | OK |

**Home:**

Here users can sign in with registered username and password.

| **Method** | **URL** |
| --- | --- |
| **POST** | /user\_home |

**Response**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| 200 | ’Success’. |  |
| 500 | internal server error |  |

**View trip:**

Here users can sign in with registered username and password.

| **Method** | **URL** |
| --- | --- |
| **POST** | /user/Viewtrip |

**Response**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| 200 | ’Success’. |  |
| 500 | internal server error |  |

## **Response**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| Trip id | Id of the trip | int |
| Date | Starting date | Date time |
| From - To | Starting and end point | string |
| Posted on | Posted date | Date time |
| Car Model | Model of the car | int |
| Return date | Date of return | Date time |
| User | User who the request posted | String |
| Driver | Driver who accepted the trip | string |

**Profile:**

Here users can sign in with registered username and password.

| **Method** | **URL** |
| --- | --- |
| **POST** | /user/Userprofile |

**Response**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| 200 | ’Success’. |  |
| 500 | internal server error |  |

**Favorite drivers:**

Here users can sign in with registered username and password.

| **Method** | **URL** |
| --- | --- |
| **POST** | /user/favorite\_drivers |

**Response**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| 200 | ’Success’. |  |
| 500 | internal server error |  |

**Confirmed trips:**

Here users can sign in with registered username and password.

| **Method** | **URL** |
| --- | --- |
| **POST** | /user/Confirmed\_trips |

**Response**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| 200 | ’Success’. |  |
| 500 | internal server error |  |

**Pending trips:**

Here users can sign in with registered username and password.

| **Method** | **URL** |
| --- | --- |
| **POST** | /user/Confirmed\_trips |

**Response**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| 200 | ’Success’. |  |
| 500 | internal server error |  |

**History:**

Here users can sign in with registered username and password.

| **Method** | **URL** |
| --- | --- |
| **POST** | /user/History |

**Response**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| 200 | ’Success’. |  |
| 500 | internal server error |  |

**cars:**

Here users can sign in with registered username and password.

| **Method** | **URL** |
| --- | --- |
| **POST** | /user/my\_cars |

**Response**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| 200 | ’Success’. |  |
| 500 | internal server error |  |

**DRIVER SIDE**

**1. Driver Sign Up:**

Here User can register details and create login .

| **Method** | **URL** |
| --- | --- |
| **POST** | /driver/registration |

**Request**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| Name | Name of the user | String |
| Username | User name of the user | string |
| Address | The address of the user | string |
| Email | User email | email |
| Phone No. | User phone number | int |
| Password | User can add password | password |

## 

## **Response**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| 201 | ’Success’. |  |
| 400 | Bad request- invalid input data |  |
| 409 | Conflict- user already exists |  |
| 500 | Internal server error |  |

**2. Driver Login:**

Here users can sign in with registered username and password.

| **Method** | **URL** |
| --- | --- |
| **POST** | /driver/signin |

**Request**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| Username | User have a username | string |
| Password | User have a password | password |

## **Response**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| 200 | ’Success’. |  |
| 401 | Unauthorized |  |
| 500 | internal server error |  |

**USER LOGOUT:**

Users can log out from the webpage..

| **Method** | **URL** |
| --- | --- |
| **GET** | /user\_logout |

## 

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | OK |

**Home:**

Here users can sign in with registered username and password.

| **Method** | **URL** |
| --- | --- |
| **GET** | /drier/home |

**Response**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| 200 | ’Success’. |  |
| 500 | internal server error |  |