Assingment   API Documentation

User Authentication

User Signup

- **URL**: `/api/user/usersingUp`
- **Method**: POST
- **Description**: Register a new user
- **Request Body**:

```
{
 "user_email": "string",
 "user_id": "string",
 "user_location": "string",
 "user_info": {},
 "password": "string"
}
```

Response:

- Status: 201 Created
- Body:

```
{
 "user_email": "string",
 "user_id": "string",
 "user_location": "string",
 "user_info": {},
 "password": "string"
}
```

User Signin

- **URL**: `/api/user/usersingin`
- **Method**: POST
- **Description**: Authenticate a user
- **Request Body**:

```
{
  "user_email": "string",
  "password": "string"
}
```

- **Response**:
    - Status: 200 OK
    - Body:

```
{
  "success": true,
  "auth_token": "string"
}
```

Update User

- **URL**: /api/user/users/:userId
- **Method**: PUT
- **Description**: Update user information
- **URL Parameters**:
    - userId: User ID
- **Request Body**:

```
{
  "user_email": "string",
  "user_location": "string",
  "user_info": {}
}
```

- **Response**:
    - Status: 200 OK
    - Body:

```
{
  "message": "User updated successfully"
}
```

Delete User

- **URL**: /api/user/users/delete
- **Method**: POST
- **Description**: Delete a user account
- **Request Body**:

```
{
  "did": "string"
}
```

- **Response**:
    - Status: 200 OK
    - Body:

```
{
  "message": "User deleted successfully"
}
```

Get All Users

- **URL**: `/api/user/users`
- **Method**: GET
- **Description**: Get all users
- **Response**:
    - Status: 200 OK
    - Body: Array of user objects

Dealership API Documentation

Dealership Authentication

Signup

- **URL**: `/api/dealership/singup`
- **Method**: POST
- **Description**: Register a new dealership
- **Request Body**:

```
{
  "dealership_email": "string",
  "dealership_id": "string",
  "dealership_name": "string",
  "dealership_location": "string",
  "password": "string",
  "dealership_info": {},
  "cars": [],
  "deals": [],
  "sold_vehicles": []
}
```

- **Response**:
    - Status: 201 Created
    - Body:

```
{
  "dealership_email": "string",
  "dealership_id": "string",
  "dealership_name": "string",
  "dealership_location": "string",
  "password": "string",
  "dealership_info": {},
  "cars": [],
  "deals": [],
  "sold_vehicles": []
}
```

Signin

- **URL**: `/api/dealership/singin`

- **Method**: POST
- **Description**: Authenticate a dealership
- **Request Body**:

```
{
  "dealership_email": "string",
  "password": "string"
}
```

- **Response**:
  - Status: 200 OK
  - Body:

```
{
  "success": true,
  "auth_token": "string"
}
```

Delete Dealership

- **URL**: `/api/dealership/delete`
- **Method**: POST
- **Description**: Delete a dealership account
- **Request Body**:

```
{
  "did": "string"
}
```

- **Response**:
  - Status: 200 OK
  - Body:

```
{
  "message": "Dealership deleted successfully"
}
```

Get All Dealerships

- **URL**: `/api/dealership/getalldealership`
- **Method**: GET
- **Description**: Get all dealerships
- **Response**:
  - Status: 200 OK
  - Body: Array of dealership objects

Add Car

- **URL**: `/addcars`
- **Method**: POST
- **Description**: Add a new car
- **Request Body**:

```
{
  "dealership_user_id": "string",
  "type": "string",
  "name": "string",
  "model": "string",
  "car_info": {}
}
```

- **Response**:
  - Status: 201 Created
  - Body: The added car object

Get All Cars

- **URL**: `/getallcars`
- **Method**: GET
- **Description**: Get all cars
- **Response**:
  - Status: 200 OK
  - Body: Array of car objects

Get Car by ID

- **URL**: `/getcarsbyid/:id`
- **Method**: GET
- **Description**: Get a specific car by its ID
- **Response**:
  - Status: 200 OK
  - Body: The car object

Update Car by ID

- **URL**: `/cars/:id`
- **Method**: PUT
- **Description**: Update a car by its ID
- **Request Body**:

```
{
  "dealership_user_id": "string",
  "type": "string",
  "name": "string",
  "model": "string",
  "car_info": {}
```

```
}
```

- **Response**:
  - Status: 200 OK
  - Body: { "message": "Car updated successfully" }

Delete Car by ID

- **URL**: `/cars/:id`
- **Method**: DELETE
- **Description**: Delete a car by its ID
- **Response**:
  - Status: 200 OK
  - Body: { "message": "Car deleted successfully" }

Create a New Deal

- **URL**: `/deals`
- **Method**: POST
- **Description**: Create a new deal
- **Request Body**:

```
{
  "deal_id": "string",
  "car_id": "string",
  "deal_info": {}
}
```

- **Response**:
  - Status: 201 Created
  - Body: { "success": true, "message": "deal success" }

Get All Deals

- **URL**: `/getalldeals`
- **Method**: GET
- **Description**: Get all deals
- **Response**:
  - Status: 200 OK
  - Body: Array of deal objects

Get Deal by ID

- **URL**: `/deals/:id`
- **Method**: GET

- **Description**: Get a specific deal by its ID
- **Response**:
  - Status: 200 OK
  - Body: The deal object

Update Deal by ID

- **URL**: `/deals/:id`
- **Method**: PUT
- **Description**: Update a deal by its ID
- **Request Body**:

```json
jsonCopy code
{
  "deal_id": "string",
  "car_id": "string",
  "deal_info": {}
}
```

- **Response**:
  - Status: 200 OK
  - Body: { "message": "Deal updated successfully" }

Delete Deal by ID

- **URL**: `/deals/:id`
- **Method**: DELETE
- **Description**: Delete a deal by its ID
- **Response**:
  - Status: 200 OK
  - Body: { "message": "Deal deleted successfully" }

Sold Vehicles

Create a New Sold Vehicle

- **URL:** `/sold_vehicles`
- **Method:** POST
- **Description:** Create a new sold vehicle
- **Request Body:**

```
{
  "vehicle_id": "string",
  "car_id": "string",
```

```
  "vehicle_info": {}
}
```

- **Response:**
  - Status: 201 Created
  - Body: Result of the insertion operation

Get All Sold Vehicles

- **URL:** `/sold_vehicles`
- **Method:** GET
- **Description:** Get all sold vehicles
- **Response:**
  - Status: 200 OK
  - Body: Array of sold vehicle objects

Get Sold Vehicle by ID

- **URL:** `/sold_vehicles/:id`
- **Method:** GET
- **Description:** Get a specific sold vehicle by its ID
- **Response:**
  - Status: 200 OK
  - Body: The sold vehicle object

Update Sold Vehicle by ID

- **URL:** `/sold_vehicles/:id`
- **Method:** PUT
- **Description:** Update a sold vehicle by its ID
- **Request Body:**

```
{
  "vehicle_id": "string",
  "car_id": "string",
  "vehicle_info": {}
}
```

- **Response:**
  - Status: 200 OK
  - Body: { "message": "Sold vehicle updated successfully" }

Delete Sold Vehicle by ID

- **URL:** `/sold_vehicles/:id`
- **Method:** DELETE
- **Description:** Delete a sold vehicle by its ID
- **Response:**

- Status: 200 OK
- Body: { "message": "Sold vehicle deleted successfully" }

Admin Authentication API Documentation

Signup

- **URL**: /signup
- **Method**: POST
- **Description**: Signup route for admin
- **Request Body**:

```json
jsonCopy code
{
  "admin_id": "string",
  "password": "string"
}
```

- **Response**:
  - Success:
    - Status Code: 201
    - Body:

```json
jsonCopy code
{
  "admin_id": "string",
  "password": "string"
}
```

  - Error:
    - Status Code: 400 or 500
    - Body:

```json
jsonCopy code
{
  "message": "Error message"
}
```

Admin Signin

- **URL**: /signin
- **Method**: POST
- **Description**: Signin route for admin
- **Request Body**:

```json
{
  "admin_id": "string",
  "password": "string"
}
```

```
}
```

- **Response**:
  - Success:
    - Status Code: 200
    - Body:

```json
jsonCopy code
{
  "success": true,
  "auth_token": "string"
}
```

  - Error:
    - Status Code: 400 or 500
    - Body:

```json
jsonCopy code
{
  "message": "Error message"
}
```

Delete Admin

- **URL**: /admins/delete
- **Method**: POST
- **Description**: Delete route for admin
- **Request Body**:

```
{
  "a_id": "string"
}
```

- **Response**:
  - Success:
    - Status Code: 200
    - Body:

```json
jsonCopy code
{
  "message": "Admin deleted successfully",
  "a_id": "string"
}
```

  - Error:
    - Status Code: 404 or 500
    - Body:

```
{
  "message": "Error message"
}
```