**1. User Registration**

* **Endpoint:** POST /register
* **Description:** Register a new user.
* **Request Body:**

json

Copy code

{

"name": "Akhil Devireddy",

"email": "akhil88@gmail.com",

"phone": "2241429380",

"password": "your\_password"

}

* **Response:**

json

Copy code

{

"message": "User registered successfully"

}

**2. User Login**

* **Endpoint:** POST /login
* **Description:** Log in a user and receive a JWT token.
* **Request Body:**

json

Copy code

{

"email": "akhil889764@gmail.com",

"password": "your\_password"

}

* **Response:**

json

Copy code

{

"token": "your\_jwt\_token"

}

**3. Get All Coupons**

* **Endpoint:** GET /coupons
* **Description:** Retrieve all available coupons.
* **Headers:**
  + Authorization: Bearer your\_jwt\_token
* **Response:**

json

Copy code

[

{

"id": 1,

"name": "Discount Coupon",

"credits\_needed": 10,

"exp\_date": "2024-12-31",

"status": "active",

"value": 50.00

},

...

]

**4. Get User's Redeemed Coupons**

* **Endpoint:** GET /user-coupons/my-coupons
* **Description:** Retrieve all coupons redeemed by the logged-in user.
* **Headers:**
  + Authorization: Bearer your\_jwt\_token
* **Response:**

json

Copy code

[

{

"id": 1,

"name": "Discount Coupon",

"exp\_date": "2024-12-31",

"value": 50.00,

"used\_at": "2023-08-08"

},

...

]

**5. Redeem a Coupon**

* **Endpoint:** POST /user-coupons/redeem
* **Description:** Redeem a coupon for the logged-in user.
* **Headers:**
  + Authorization: Bearer your\_jwt\_token
* **Request Body:**

json

Copy code

{

"coupon\_id": 1

}

* **Response:**

json

Copy code

{

"message": "Coupon redeemed successfully"

}

**6. Get User Profile**

* **Endpoint:** GET /profile
* **Description:** Get the logged-in user's profile information.
* **Headers:**
  + Authorization: Bearer your\_jwt\_token
* **Response:**

json

Copy code

{

"id": 10,

"name": "Akhil Devireddy",

"email": "akhil889764@gmail.com",

"phone": "9408429380",

"credits": 18

}

**7. Add a New Coupon (Admin Only)**

* **Endpoint:** POST /coupons
* **Description:** Add a new coupon to the system (usually for admin users).
* **Headers:**
  + Authorization: Bearer your\_jwt\_token
* **Request Body:**

json

Copy code

{

"name": "New Year Coupon",

"credits\_needed": 20,

"exp\_date": "2024-12-31",

"value": 100.00

}

* **Response:**

json

Copy code

{

"message": "Coupon added successfully"

}

**8. Get All Users (Admin Only)**

* **Endpoint:** GET /users
* **Description:** Retrieve all registered users (usually for admin users).
* **Headers:**
  + Authorization: Bearer your\_jwt\_token
* **Response:**

json

Copy code

[

{

"id": 10,

"name": "Akhil Devireddy",

"email": "akhil889764@gmail.com",

"phone": "9408429380",

"credits": 18

},

...

]

**Postman Testing Flow**

1. **Register a User:** Use the /register endpoint to create a new user.
2. **Login the User:** Use the /login endpoint to get the JWT token.
3. **Test Coupon Endpoints:**
   * Use the /coupons endpoint to retrieve all coupons.
   * Use the /user-coupons/redeem endpoint to redeem a coupon.
   * Use the /user-coupons/my-coupons endpoint to see redeemed coupons.