

1. Login

The image displays two screenshots of the J2EE API Network interface, illustrating a login process.

Top Screenshot (Successful Login):

- Environment:** online-banking-env
- Collection:** online-banking-api-tests
- Folder:** Authentication
- API:** POST login
- URL:** `{{base_url}}/auth/login`
- Method:** POST
- Body (JSON):**

```
{  "email": "user",  "password": "password"}
```
- Response:** 200 OK, 265 ms, 475 B. The response body (JSON) is:

```
{  "token": "eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJ1c2VyIiwiaWF0IjoxNzU4ODQ5LCJleHAiOiJlM0E3NDh4NDUyNDI5Lmpepox1jqCI6g1W_p01keZoGcRAGM0EgfClEd10tgq8"}
```

Bottom Screenshot (Failed Login):

- Environment:** online-banking-env
- Collection:** online-banking-api-tests
- Folder:** Authentication
- API:** POST login
- URL:** `{{base_url}}/auth/login`
- Method:** POST
- Body (JSON):**

```
{  "email": "user1",  "password": "password"}
```
- Response:** 401 Unauthorized, 5 ms, 358 B. The response body (JSON) is:

```
{  "token": null}
```

2. Logout

The screenshot shows the Postman interface for a POST request to `online-banking-api-tests / Authentication / logout`. The request is configured with the following details:

- Method:** POST
- URL:** `{{base_url}}/auth/logout`
- Authorization:** Bearer Token, with the token `{{jwt_token}}` entered in the Token field.
- Response:** The response is a 200 OK status, received in 29 ms with a body size of 293 B. The response is displayed in the Raw tab.

3. Get Account With token

The screenshot shows the Postman interface for a GET request to `online-ban... / ... / get account with token`. The request is configured with the following details:

- Method:** GET
- URL:** `{{base_url}}/accounts/2`
- Authorization:** Bearer Token, with the token `{{jwt_token}}` entered in the Token field.
- Response:** The response is a 200 OK status, received in 19 ms with a body size of 449 B. The response is displayed in the JSON tab.

The JSON response body is as follows:

```
1 {
2   "id": 2,
3   "userId": 102,
4   "accountNumber": "ACC789012",
5   "balance": 7500.50,
6   "createdAt": "2025-02-28T11:07:24.8706556-05:00"
7 }
```

4. Get Account Without token

The screenshot shows the API Network interface with the following details:

- Environment:** J2EE
- Collection:** online-banking-api-tests
- Folder:** Account Management
- Request:** GET `{{base_url}}/accounts/2`
- Auth Type:** No Auth
- Response:** 403 Forbidden (7 ms, 300 B)
- Body:** Raw view showing the response content.

5. Update Account with Valid Data

The screenshot shows the API Network interface with the following details:

- Environment:** J2EE
- Collection:** online-banking-api-tests
- Folder:** Account Management
- Request:** PUT `{{base_url}}/accounts/2`
- Body:** JSON view showing the request payload:

```
1 {
2   "id": 2,
3   "userId": 102,
4   "accountNumber": "ACC7890129999999999",
5   "balance": 7500.50,
6   "createdAt": "2025-02-28T11:07:24.8706556-05:00"
7 }
```
- Response:** 200 OK (14 ms, 293 B)
- Body:** Raw view showing the response content.

Below the main interface, a second screenshot shows the same interface with the following details:

- Request:** GET `{{base_url}}/accounts/2`
- Auth Type:** Bearer Token
- Response:** 200 OK (6 ms, 454 B)
- Body:** JSON view showing the response payload:

```
1 {
2   "id": 2,
3   "userId": 102,
4   "accountNumber": "ACC7890129999999999",
5   "balance": 7500.50,
6   "createdAt": "2025-02-28T16:07:24.8706556Z"
7 }
```

6. Update Account with Invalid Data

The screenshot shows the Postman interface for a workspace named "J2EE". The left sidebar displays a collection of API tests under "online-banking-api-tests". The selected test is "PUT update account with invalid ...". The main panel shows the request details for a PUT request to the endpoint `{{base_url}}/accounts/1`. The request body is in JSON format, containing the following data:

```
1 {
2   "id": 1,
3   "userId": 102,
4   "createdAt": "2025-02-27T23:04:48.7055194-05:00"
5 }
```

The response status is "403 Forbidden" with a response time of 8 ms and a body size of 300 B. The response body is empty.

7. Post Transfer with Valid Data

The screenshot shows the Postman interface for the same workspace "J2EE". The selected test is "POST post transfer with valid". The main panel shows the request details for a POST request to the endpoint `{{base_url}}/transactions/transfer`. The request body is in JSON format, containing the following data:

```
1 {
2   "fromAccount": "ACC78901254334543",
3   "toAccount": "ACC345678423423",
4   "amount": 150.75
5 }
```

The response status is "200 OK" with a response time of 19 ms and a body size of 293 B. The response body is empty.

8. Post Transfer with Invalid Data

The screenshot shows the Postman interface for a collection named 'online-banking-api-tests'. The 'Transactions' folder is expanded, and the 'POST post transfer with invalid' request is selected. The request is a POST to '[[base_url]]/transactions/transfer' with a JSON body:

```
1 {
2   "fromAccount": "ACC789012",
3   "amount": 150.75
4 }
```

The response is a '403 Forbidden' status with a 9 ms response time and 300 B body. The response body is empty.

9. Transfer History

The screenshot shows the Postman interface for the same collection. The 'GET get transfer history' request is selected. The request is a GET to '[[base_url]]/transactions/history' with a Bearer Token authorization type and a token value of '[[jwt_token]]'. The response is a '200 OK' status with a 7 ms response time and 918 B body. The response body is a JSON array of transfer history items:

```
1 [
2   {
3     "id": 1,
4     "fromAccount": "ACC123456",
5     "toAccount": "ACC789012",
6     "amount": 250.00,
7     "status": "Completed",
8     "createdAt": "2025-02-28T11:07:24.9005463-05:00"
9   },
10  {
11    "id": 2,
12    "fromAccount": "ACC789012",
13    "toAccount": "ACC345678",
14    "amount": 150.75,
15    "status": "Pending",
16    "createdAt": "2025-02-28T11:07:24.9005463-05:00"
17  },
18  {
19    "id": 3,
20    "fromAccount": "ACC345678",
21    "toAccount": "ACC123456",
22    "amount": 500.00,
23    "status": "Failed",
24    "createdAt": "2025-02-28T11:07:24.9005463-05:00"
25  },
26  {
27    "id": 4,
28    "fromAccount": "ACC78901254334543",
29    "toAccount": "ACC345678423423",
30    "amount": 150.75,
31    "status": "Pending",
32    "createdAt": "2025-02-28T11:14:44.1587479-05:00"
33  }
34 ]
```