API Documentation for BKC Backend

Auth Endpoints

1. Register

- URL: {{base_url}}/user/register/

- Method: POST

- Headers: None

- Body:

```
{

    "email": "test6@gmail.com",

    "password": "password",

    "role": "admin",

    "first_name": "test",

    "last_name": "test"

}
```

- Response:

  - Status: 201 Created

  - Body: Contains tokens (access, refresh) and user details

2. Login

- URL: {{base_url}}/user/login/

- Method: POST

- Headers: None

- Body:

```
{

    "email": "test4@gmail.com",
```

```
    "password": "password"

}
```

- Response: Tokens for authentication

Product Endpoints

1. Create Product

- URL: {{base_url}}/product/create/

- Method: POST

- Headers: Authorization: {{AUTH_TOKEN}}

- Body:

```
{

    "name": "pencil stand",

    "category": "Organizers",

    "cost_price": 35.75,

    "selling_price": 71.50,

    "description": "a good pencil case",

    "stock": 5,

    "units_sold": 8,

    "rating": 1,

    "demand_forecast": 0

}
```

- Response:

  - Status: 201 Created

  - Body: New product details

2. Update Product

- URL: {{base_url}}/product/update/

- Method: PUT

- Headers: Authorization: {{AUTH_TOKEN}}

- Body:

```
{

    "id": 2,

    "selling_price": 35.99,

    "units_sold": 550

}
```

- Response:

  - Status: 200 OK

  - Body: Product updated details

3. Delete Product

- URL: {{base_url}}/product/delete/

- Method: DELETE

- Headers: Authorization: {{AUTH_TOKEN}}

- Body:

```
{

    "id": 2

}
```

- Response:

  - Status: 200 OK

  - Body: Success message

4. Get Single Product

- URL: {{base_url}}/product/detail/

- Method: GET

- Headers: Authorization: {{AUTH_TOKEN}}

- Body:

```
{

    "id": 3

}
```

- Response:

  - Status: 200 OK

  - Body: Product details

5. Get Product Forecast

- URL: {{base_url}}/product/forecast/

- Method: GET

- Headers: Authorization: {{AUTH_TOKEN}}

- Body:

```
{

    "id": 3

}
```

- Response:

  - Status: 200 OK

  - Body: Product forecast

6. Get All Products

- URL: {{base_url}}/product/

- Method: GET

- Headers: Authorization: {{AUTH_TOKEN}}

- Body:

```
{
    "page_size": 5,
    "page": 1,
    "name": "eco"
}
```

- Response:

  - Status: 200 OK

  - Body: List of products