

API DOCUMENTAION FOR SIMPLE E-COMMERCE API

Note : All passwords have been salted and hashed before saving to the database. The headers of the rquests should contain a key “Authorization” whoose value is “Bearer” followed by a space, and then the token sent from the signup or login request.

Document 1 : API for users

SIGNUP

Method : POST url : localhost:7000/api/users/signup

Sample request body :

```
{
  "firstName" : "Mike",
  "lastName" : "Lowry",
  "email" : "mikelowry@gmail.com",
  "password" : "test1234"
}
```

Sample response :

```
{
  "id": "610540a784c0b63e2520a847",
  "firstName": "Mike",
  "lastName": "Lowry",
  "email": "mikelowry@gmail.com",
  "token" : "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6IjYxMDU0MGE3ODRjMGI2M2UyNTIwYTg0NyIsImhhdCI6MTYyNzczNDE4MywiZXhwIjoxNjI3OTkzMzgZfQ.As9DUDmIVqUFhba5Yjb0WsSYLOwTX3NqAm3FcWfyani"
}
```

LOGIN

Method : POST url: localhost:7000/api/users/login

Sample request body :

```
{
  "email" : "mikelowry@gmail.com",
  "password" : "test1234"
}
```

Sample response :

```
{
  "id": "610540a784c0b63e2520a847",
  "firstName": "Mike",
  "lastName": "Lowry",
  "email": "mikelowry@gmail.com",
  "token" : "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6IjYxMDU0MGE3ODRjMGI2M2UyNTIwYTg0NyIsImhhdCI6MTYyNzczNDE4MywiZXhwIjoxNjI3OTkzMzgZfQ.As9DUDmIVqUFhba5Yjb0WsSYLOwTX3NqAm3FcWfyani"
}
```

FETCHING ALL USERS

Method : GET url : localhost:7000/api/users

Sample response :

```
[
  {
    "_id": "6101859c73ad5eda9291846c",
    "firstName": "Gees",
    "lastName": "Bill",
    "email": "bilerlsdgees@gmail.com",
    "password": "$2a$10$3ilz6jYHgcmJMHhBV9rCF.cvo0rFiXLaabwhQ0PoDTD.6nrvlHZPG",
    "createdAt": "2021-07-28T16:28:12.629Z",
    "updatedAt": "2021-07-28T16:28:12.629Z",
    "__v": 0
  },
  {
    "_id": "61051b97fadb7010e894a8b3",
    "firstName": "Marsh",
    "lastName": "mallow",
    "email": "marshmallow@gmail.com",
    "password": "$2b$10$vTSFfM02ha8PbfmsFs6YjelQJfjSnidHwXT010gBMc2JCqq8jU3LK",
    "createdAt": "2021-07-31T09:44:55.451Z",
    "updatedAt": "2021-07-31T09:44:55.451Z",
    "__v": 0
  },
  {
    "_id": "610540a784c0b63e2520a847",
    "firstName": "Mike",
    "lastName": "Lowry",
    "email": "mikelowry@gmail.com",
    "password": "$2b$10$DkfstjwxElsajkHEUZGU.n2TL0rzjtHOAVNUdZc5wCp pH3GqFBAW",
    "createdAt": "2021-07-31T12:23:03.627Z",
    "updatedAt": "2021-07-31T12:23:03.627Z",
    "__v": 0
  }
]
```

FETCHING A SINGLE USER BY ID

Method : GET url syntax : localhost:7000/api/users/:id
Example url localhost:7000/api/users/6101859c73ad5eda9291846c

Sample response :

```
{
  "_id": "6101859c73ad5eda9291846c",
  "firstName": "Gees",
  "lastName": "Bill",
  "email": "bilerlsdgees@gmail.com",
  "password": "$2a$10$3ilz6jYHgcmJMHhBV9rCF.cvo0rFiXLaabwhQ0PoDTD.6nrvlHZPG",
  "createdAt": "2021-07-28T16:28:12.629Z",
  "updatedAt": "2021-07-28T16:28:12.629Z",
  "__v": 0
}
```

DELETING A SINGLE USER

Method : DELETE

url syntax : localhost:7000/api/users/:id

Example url :

localhost:7000/api/users/6101859c73ad5eda9291846c

response :

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

UPDATING AN EXISTING USER

Method : PUT

url syntax : localhost:7000/api/users/:id

Example url

localhost:7000/api/users/61051b97fadb7010e894a8b3

Sample request body :

```
{
  "firstName": "Bob",
  "lastName": "Rieley"
}
```

Sample response :

```
{
  "firstName": "Bob",
  "lastName": "Rieley",
  "email": "hy@gmail.com"
}
```

Document 2 : API for Orders

Note : Before performing a call to the “order” API, A user must be logged in, as the logged in user’s “ID” is tightly coupled with “order” API

MAKING AN ORDER

Method : POST url : localhost:7000/api/orders

Sample request body :

```
{
  "items": [{
    "itemName": "Desk lamp",
    "itemQuantity": 4,
    "itemPrice": 10
  }]
}
```

Sample response :

```
{
  "_id": "61054cf484c0b63e2520a852",
  "items": [
    {
      "_id": "61054cf484c0b63e2520a853",
      "itemName": "Desk lamp",
      "itemQuantity": 4,
      "itemPrice": 10
    }
  ],
  "user": "61051b97fadb7010e894a8b3",
  "__v": 0
}
```

FETCHING A SINGLE ORDER BY ID

Method : GET url syntax : localhost:7000/api/orders/:id
Example url localhost:7000/api/orders/610522df43e87e16d48eb838

Sample response :

```
{
  "_id": "610522df43e87e16d48eb838",
  "items": [
    {
      "_id": "610522df43e87e16d48eb839",
      "itemName": "T-shirt",
      "itemQuantity": 10,
      "itemPrice": 45
    }
  ],
  "user": "61051b97fadb7010e894a8b3",
  "__v": 0
}
```

FETCHING ALL ORDERS

Method : GET url : localhost:6001/api/orders

Sample response :

```
[
  {
    "_id": "610522df43e87e16d48eb838",
    "items": [
      {
        "_id": "610522df43e87e16d48eb839",
        "itemName": "T-shirt",
        "itemQuantity": 10,
        "itemPrice": 45
      }
    ],
    "user": "61051b97fadb7010e894a8b3",
    "__v": 0
  },
  {
    "_id": "6105235643e87e16d48eb83c",
    "items": [
      {
        "_id": "6105235643e87e16d48eb83d",
        "itemName": "Reading Table",
        "itemQuantity": 5,
        "itemPrice": 60
      },
      {
        "_id": "6105235643e87e16d48eb83e",
        "itemName": "Office Chair",
        "itemQuantity": 4,
        "itemPrice": 50
      }
    ],
    "user": "61051b97fadb7010e894a8b3",
    "__v": 0
  },
  {
    "_id": "61054cf484c0b63e2520a852",
    "items": [
      {
        "_id": "61054cf484c0b63e2520a853",
        "itemName": "Desk lamp",
        "itemQuantity": 4,
        "itemPrice": 10
      }
    ],
    "user": "61051b97fadb7010e894a8b3",
    "__v": 0
  }
]
```

DELETING AN ORDER

Method : DELETE

url syntax : localhost:7000/api/orders/:id

Example url

localhost:7000/api/orders/610522df43e87e16d48eb838

response :

```
{  
  "message": "Order deleted"  
}
```