

API Endpoints För Individuell uppgift Backend1

API Lista

POST <http://localhost:8081/api/auth/login>

```
{  
  
  "email": "ali.hakim@example.com",  
  "password": "admin123"  
}
```

Förväntat svar Admin

```
{  
  "message": "Login successful",  
  "token":  
"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VySWQiOiI2N2VkOTgxMTg3MzY4YzdiYjUxYjFhYTEiLCJyb2xlljoiYWRTaW4iLCJpYXQiOiE3NDUyNDAwNTksImV4cCI6MTc0NTMyNjQ1OX0.UGoruEzgXOUwhjFWi7l3LNf75rOl54qjGxI0ZnXEEfE",  
  "user": {  
    "id": "67ed981187368c7bb51b1aa1",  
    "firstName": "Ali",  
    "lastName": "Hakim",  
    "email": "ali.hakim@example.com",  
    "role": "admin"  
  }  
}
```

Förväntat svar Vanlig användare

```
{  
  "message": "Login successful (no token for regular users)",  
  "user": {  
    "id": "67ed981187368c7bb51b1aa6",  
    "firstName": "Emma",  
    "lastName": "Karlsson",  
    "email": "emma.karlsson@example.com",  
    "role": "user"  
  }  
}
```

POST <http://localhost:8081/api/auth/register>

```
{
  "firstName": "Jonas",
  "lastName": "Eriksson",
  "email": "jonas.eriksson@example.com",
  "password": "hejhej123",
  "role": "user"
}
```

Förväntat svar

```
{
  "message": "User registered successfully",
  "user": {
    "id": "680646674d5a7d3c23c96b56",
    "firstName": "Jonas",
    "lastName": "Eriksson",
    "email": "jonas.eriksson@example.com",
    "role": "user"
  }
}
```

<http://localhost:8081/api/products>

Metod	Endpoint	Beskrivning	Åtkomst
GET	/	Lista alla produkter	Öppen
GET	/:id	Hämta specifik produkt	Öppen
POST	/	Skapa ny produkt	Inloggad (admin)
PUT	/:id	Uppdatera en produkt	Inloggad (admin)
DELETE	/:id	Radera en produkt	Inloggad (admin)

<http://localhost:8081/api/orders>

Metod	Endpoint	Beskrivning	Åtkomst
GET	/	Alla ordrar (för admin)	Inloggad
GET	/my-orders	Se inloggad användares ordrar	Inloggad

POST	/	Skapa en ny order	Inlogg ad
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GET <http://localhost:8081/api/analytics/revenue-per-month>

Kräver Bearer Token

Förväntat svar

```
{
  "april-2025": 35,
  "mars-2025": 71.98,
  "februari-2025": 29.99,
  "januari-2025": 29.99,
  "december-2024": 50,
  "november-2024": 45.77,
  "oktober-2024": 79.98,
  "september-2024": 49.99,
  "augusti-2024": 74.5,
  "juli-2024": 99.98,
  "juni-2024": 79.99,
  "maj-2024": 25.99
}
```

GET <http://localhost:8081/api/analytics/top-customers>

Kräver Bearer Token

Förväntat svar

```
[
  {
    "_id": "67ed981187368c7bb51b1a03",
    "totalSpent": 99.98,
    "orders": 1
  },
  {
    "_id": "67ed981187368c7bb51b1a02",
    "totalSpent": 79.99,
    "orders": 1
  },
  {
    "_id": "67ed981187368c7bb51b1a06",
    "totalSpent": 79.98,

```

```
    "orders": 1
  },
  {
    "_id": "67ed981187368c7bb51b1a04",
    "totalSpent": 74.5,
    "orders": 1
  },
  {
    "_id": "67ed981187368c7bb51b1a11",
    "totalSpent": 71.98,
    "orders": 1
  }
]
```

POST <http://localhost:8081/api/wipe>

Kräver Bearer Token

Förväntat svar

```
{
  "message": "Database wiped and reseeded successfully",
  "usersSeeded": 5,
  "productsSeeded": 10,
  "ordersSeeded": 20
}
```