Task1 :

Implement and test the backend endpoints:

1. **GET /api/customers**
2. **POST /api/customers**
3. **PUT /api/customers/:id**
4. **DELETE /api/customers/:id**
5. **GET /api/export**

Backend Build Test

# Health check

curl <http://192.168.178.168:8080/health>

A screen shot of a computer

AI-generated content may be incorrect.

Validate login Test

Login (replace with your creds)

curl -i -X POST http://192.168.178.168:8080/api/login -H "Content-Type: application/json" -d '{"user":"jeevan3","pass":"Jvn@93971"}'

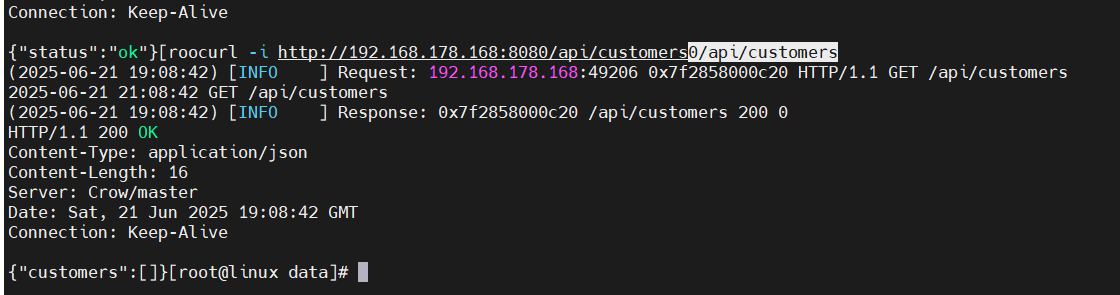
curl -i -X POST http://192.168.178.168:8080/api/login -H "Content-Type: application/json" -d '{"user":"jeevan3","pass":"Jvn@93971"}'

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1. GET /api/customers

curl -i <http://192.168.178.168:8080/api/customers>



**POST /api/customers**

Create a new customer

curl -i -X POST http://192.168.178.168:8080/api/customers -H "Content-Type: application/json" -d'{"name":"Alice","father":"Bob","nationality":"Wonder","dob":"1990-01-01","birth\_village":"Village","birth\_district":"District","birth\_province":"Province","street":"123 Main St","city":"Metropolis","home\_district":"HomeDist","home\_province":"HomeProv","mobile":"555-1234","email":"alice@example.com"}'

A screenshot of a computer

AI-generated content may be incorrect.

A computer screen shot of a black screen

AI-generated content may be incorrect.

A screen shot of a computer

AI-generated content may be incorrect.

**PUT /api/customers/:id**

Update customer id=1, changing the name:

curl -i -X PUT http://192.168.178.168:8080/api/customers/1 -H "Content-Type: application/json" -d '{"name":"AliceSmith","father":"Bob","nationality":"Wonder","dob":"1990-01-01","birth\_village":"Village","birth\_district":"District","birth\_province":"Province","street":"123 Main St","city":"Metropolis","home\_district":"HomeDist","home\_province":"HomeProv","mobile":"555-1234","email":"alice@example.com"}'

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**DELETE /api/customers/:id**

Remove customer id=1:

curl -i -X DELETE http://192.168.178.168:8080/api/customers/1

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A screenshot of a computer

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**GET /api/export**

Download the CSV of all customers

curl -i [http://192.168.178.168:8080/api/export -o export.csv](http://192.168.178.168:8080/api/export%20-o%20export.csv)

A white grid with many squares

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