Customer CRUD API Design

1. **Create Customer**

| Route | POST /api/customer |
| --- | --- |
| Payload (body) | {  "name": "John Doe",  "dateOfBirth": "1990-01-01",  "memberNumber": 1,  "interests": "movies, football"  } |
| Response | {  "\_id": "...",  "name": "John Doe",  "dateOfBirth": "1990-01-01T00:00:00.000Z",  "memberNumber": 1,  "interests": "movies, football"  } |
| File | /app/api/customer/route.js |
| Test | curl -X POST -H "Content-Type: application/json" -d '{"name":"John Doe","dateOfBirth":"1990-01-01","memberNumber":1,"interests":"movies, football"}' http://localhost:3000/api/customer |

2. **Read Customer**

| Route | GET /api/customer/{id} |
| --- | --- |
| Payload (body) | - |
| Response | {  "\_id": "...",  "name": "John Doe",  "dateOfBirth": "1990-01-01T00:00:00.000Z",  "memberNumber": 1,  "interests": "movies, football"  } |
| File | /app/api/customer/[id]/route.js |
| Test | curl [http://localhost:3000/api/customer/{id](http://localhost:3000/api/customer/%7Bid)} |

3. **Read All Customers**

| Route | GET /api/customer |
| --- | --- |
| Payload (body) | - |
| Response | [  {  "\_id": "...",  "name": "John Doe",  "dateOfBirth": "1990-01-01T00:00:00.000Z",  "memberNumber": 1,  "interests": "movies, football"  },  {  "\_id": "...",  "name": "Jane Smith",  "dateOfBirth": "1985-05-15T00:00:00.000Z",  "memberNumber": 2,  "interests": "reading, music"  }  ] |
| File | /app/api/customer/route.js |
| Test | curl http://localhost:3000/api/customer |

4. **Update Customer**

| Route | PUT /api/customer/{id} |
| --- | --- |
| Payload (body) | {  "name": "Jane Doe",  "dateOfBirth": "1992-02-02",  "memberNumber": 2,  "interests": "gym, gaming"  } |
| Response | {  "\_id": "...",  "name": "Jane Doe",  "dateOfBirth": "1992-02-02T00:00:00.000Z",  "memberNumber": 2,  "interests": "gym, gaming"  } |
| File | /app/api/customer/[id]/route.js |
| Test | curl -X PUT -H "Content-Type: application/json" -d '{"name":"Jane Doe","dateOfBirth":"1992-02-02","memberNumber":2,"interests":"gym, gaming"}' http://localhost:3000/api/customer/{id} |

5. **Delete Customer**

| Route | DELETE /api/customer/{id} |
| --- | --- |
| Payload (body) | - |
| Response | {  "message": "Customer deleted successfully"  } |
| File | /app/api/customer/[id]/route.js |
| Test | curl -X DELETE http://localhost:3000/api/customer/{id} |