API Testing Checklist

# 🔹 Auth

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| # | Action | Method | URL | Body | Auth Needed | Expected Result |
| 1 | Register new user | POST | /api/auth/register | { "name": "Test User", "email": "test@example.com", "password": "mypassword123" } | No | Returns user details + token |
| 2 | Login user | POST | /api/auth/login | { "email": "test@example.com", "password": "mypassword123" } | No | Returns user details + token |

# 🔹 User CRUD (Requires Token)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| # | Action | Method | URL | Body | Auth Needed | Expected Result |
| 3 | Get all users | GET | /api/users | - | Yes | List of users |
| 4 | Get single user | GET | /api/users/{id} | - | Yes | User object |
| 5 | Update user | PUT | /api/users/{id} | { "name": "Updated User", "role": "admin" } | Yes | Updated user |
| 6 | Delete user | DELETE | /api/users/{id} | - | Yes | User deleted successfully |

# 🔹 Product CRUD

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| # | Action | Method | URL | Body | Auth Needed | Expected Result |
| 7 | Create product | POST | /api/products | { "name": "Camping Tent", "description": "2-person waterproof tent", "price": 15000, "stock": 10, "isRental": true, "rentalRates": { "oneWeek": 10, "twoWeeks": 20, "oneMonth": 35 } } | Yes | Returns product |
| 8 | Get all products | GET | /api/products | - | No | List of products |
| 9 | Get single product | GET | /api/products/{id} | - | No | Product object |
| 10 | Update product | PUT | /api/products/{id} | { "price": 16000, "stock": 8 } | Yes | Updated product |
| 11 | Delete product | DELETE | /api/products/{id} | - | Yes | Product deleted successfully |