

APPOINTMENT BOOKING API

This is a simple ASP.NET Core Web API project with authentication (JWT) and appointment booking endpoints.

FEATURES:

- User Registration & Login (JWT-based authentication)
- Appointments CRUD (Create, View, Delete appointments)
- Swagger UI for testing endpoints

REQUIREMENTS:

- .NET 9 SDK (or compatible version)

HOW TO RUN:

1. Open a terminal (PowerShell or CMD).

2. Navigate to the project folder:

```
cd AppointmentBookingAPI
```

3. Run the API:

```
dotnet run
```

4. Open your browser and go to:

```
http://localhost:5043/swagger
```

TESTING ENDPOINTS:

1. Register a User:

```
POST /api/auth/register
```

Body: { "email": "test@test.com", "password": "1234" }

2. Login:

POST /api/auth/login

Body: { "email": "test@test.com", "password": "1234" }

Copy the token from the response.

3. Authorize Swagger:

Click the Authorize button in Swagger.

Paste Bearer <your-token>.

4. Appointments:

- Use GET /api/appointments to view appointments.
- Use POST /api/appointments to create a new appointment.
- Use DELETE /api/appointments/{id} to delete an appointment.

NOTES:

- The data is stored in memory (no database). Restarting the API will clear the data.
- For production, consider using a real database and password hashing.