

API Documentation

Authentication Endpoints (/auth)

Register User

URL: POST /auth/register

Description: Register a new user

Request Body:

```
{  
  "name": "Ahmed",  
  "email": "ahmed@example.com",  
  "password": "password123"  
}
```

Response:

```
{  
  "message": "User registered successfully"  
}
```

Login User

URL: POST /auth/login

Description: Login with email and password

Request Body:

```
{  
  "email": "ahmed@example.com",  
  "password": "password123"  
}
```

Response:

```
{  
  "accessToken": "ACCESS_TOKEN_HERE",  
  "refreshToken": "REFRESH_TOKEN_HERE"  
}
```

Refresh Access Token

URL: POST /auth/token

Description: Generate a new access token using refresh token

Request Body:

```
{  
  "token": "REFRESH_TOKEN_HERE"  
}
```

Response:

```
{  
  "accessToken": "NEW_ACCESS_TOKEN"  
}
```

Logout

URL: DELETE /auth/logout

Description: Invalidate refresh token (logout)

Request Body:

```
{  
  "token": "REFRESH_TOKEN_HERE"  
}
```

Response: 204 No Content

Protected Routes below require Bearer Access Token in Authorization header:

Authorization: Bearer ACCESS_TOKEN_HERE

Book Endpoints (/books)

Get All Books

URL: GET /books

Description: Fetch all books

Authorization: Required

Response:

```
[
  {
    "_id": "bookId",
    "title": "Book Title",
    "author": "Author Name",
    "publishedDate": "2024-01-01T00:00:00.000Z",
    "description": "Description text"
  }
]
```

Add a Book

URL: POST /books

Description: Create a new book

Authorization: Required

Request Body:

```
{
  "title": "New Book",
  "author": "Author",
  "publishedDate": "2024-05-01",
  "description": "Short summary"
}
```

Response:

```
{
  "message": "Book Added successfully"
}
```

Update a Book

URL: PUT /books/:id

Description: Update a book by ID

Authorization: Required

Request Body:

```
{
  "title": "Updated Title",
  "author": "New Author"
}
```

Response:

```
{  
  "message": "Book Updated successfully"  
}
```

Delete a Book

URL: DELETE /books/:id

Description: Delete a book by ID

Authorization: Required

Response:

```
{  
  "message": "Book deleted successfully"  
}
```

Sample Headers (Postman)

```
Authorization: Bearer YOUR_ACCESS_TOKEN  
Content-Type: application/json
```
