

# JWT Authentication API Endpoints

## Base URL

`http://localhost:3001/api/auth`

## Authentication Endpoints

### Register New User

POST /register

Content-Type: application/json

```
{
  "username": "user1",
  "password": "password123"
}
```

Response 201:

```
{
  "message": "User registered successfully",
  "userId": 1
}
```

### Login with Bearer Token

POST /login/token

Content-Type: application/json

```
{
  "username": "user1",
  "password": "password123"
}
```

Response 200:

```
{
  "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9..."
}
```

## Login with Cookie

POST /login/cookie

**Content-Type:** application/json

```
{
  "username": "user1",
  "password": "password123"
}
```

Response 200:

```
{
  "message": "Login successful"
}
```

## Protected Route (Bearer Token)

GET /protected/token

**Authorization:** Bearer

eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9...

Response 200:

```
{
  "message": "Protected route accessed with token",
  "user": {
    "userId": 1,
    "username": "user1"
  }
}
```

## Protected Route (Cookie)

GET /protected/cookie

Response 200:

```
{
  "message": "Protected route accessed with cookie",
  "user": {
    "userId": 1,
    "username": "user1"
  }
}
```

## Error Responses

### Unauthorized (401)

```
{
  "message": "Invalid credentials"
}
```

### Missing Token (401)

```
{
  "message": "No token provided"
}
```

### Invalid Token (401)

```
{
  "message": "Invalid token"
}
```

## Bad Request (400)

```
{  
  "message": "Username and password are required"  
}
```