

medical-system

Medical System Graduation project backend (Node.js - Express - MongoDB)

Features

- User & Lab registration and login (JWT-based auth)
- User profile management
- Manual input of blood test results
- AI-based analysis of test data
- Admin dashboard for lab & user control
- Reservation system for lab booking
- Test result sharing & history
- Token-based API security

Project Structure

```
|— controllers/      # Logic for each API
|— models/          # MongoDB models
|— routes/          # API route handlers
|— middleware/      # Auth & role checks
|— utils/           # helper functions
|— config/          # DB connection setup
|— server.js        # App entry point
```

Setup Instructions

1. Clone the repo:

```
git https://github.com/3azizo/medical-system.git
cd medical-system
```

2. Install dependencies:

```
npm install
```

3. Create a `.env` file:

```
PORT=5000  
MONGO_URI=your_mongodb_connection_string  
JWT_SECRET=your_secret_key
```

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4. Run the server:

```
npm start
```

Authorization

All protected routes require:

```
Authorization: Bearer <JWT_TOKEN>
```

Sample .env

```
PORT=5000  
MONGO_URI=mongodb://127.0.0.1:27017/medlab  
JWT_SECRET=supersecretjwt
```

Author

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