



## Test Report for SmartInsure API

**Project:** SmartInsure - Full-Stack Insurance Website

**Date:** 26-04-2025

**Tested By:** Jeyakumar S



### What was tested

- **User APIs:** Registration, Login, Logout, Authentication (Protected Routes)
- **Plan APIs:** Fetching all insurance plans, Viewing a single plan
- **Booking APIs:** Booking an insurance plan (individual/family), Viewing bookings
- **Payment APIs:** Payment simulation and status update
- **General Setup:** Server connection, MongoDB connection

### Tools Used

- **Postman** – for API Endpoint Testing
- **MongoDB Compass** – for database validation
- **Console Logs** – for server status and error tracking



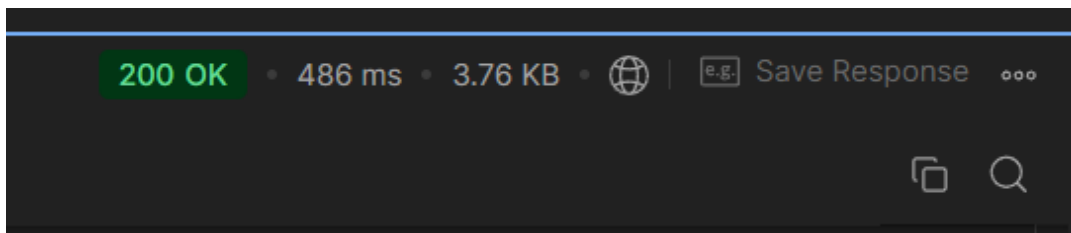
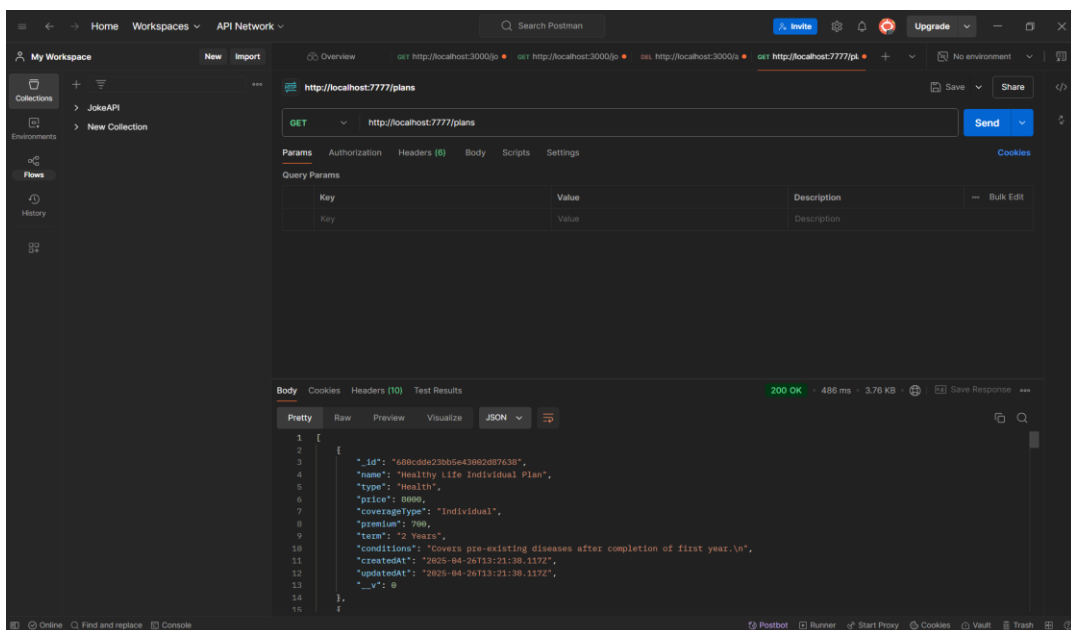
### Summary of Results

Feature	Test Type	Status	Notes
User Registration/Login	Functional Test	✓ Passed	Tokens issued successfully
Protected Routes	Auth Test	✓ Passed	JWT verified and protected
Plan Fetching	Functional Test	✓ Passed	Plans retrieved correctly
Booking Creation	Functional Test	✓ Passed	Bookings stored in database
Payment Simulation	Functional Test	✓ Passed	Payments updated successfully

Feature	Test Type	Status	Notes
CORS Configuration	Integration Test	✓ Passed	Frontend requests accepted
MongoDB Connection	Setup Test	✓ Passed	Database connected properly

## 📸 Screenshots/Logs

- **Postman Success Screenshot:**



- **Server Log Screenshot (frontend & backend):**

