Test Report for SmartInsure API

Project: SmartInsure - Full-Stack Insurance Website

Date: 26-04-2025

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✓ 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

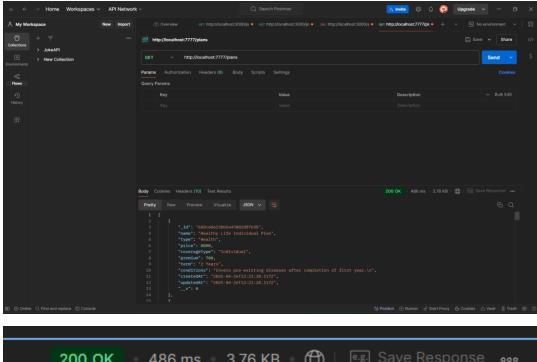
Summary of Results

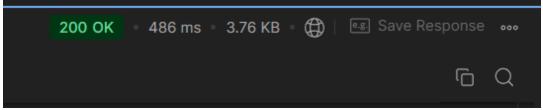
Feature	Test Type	Status	Notes
User Registration/Login	Functional Test	Passed	Tokens issued successfully
Protected Routes	Auth Test	Passed	JWT verified and protected
Plan Fetching	Functional Test	Passed	Plans retrieved correctly
Booking Creation	Functional Test	Passed	Bookings stored in database
Payment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

i Screenshots/Logs

• Postman Success Screenshot:





• Server Log Screenshot (frontend & backend):

```
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE PORTS

> vite

VITE v6.3.3 ready in 226 ms

- Local: http://localhost:5173/
- Network: use --host to expose
- press h + enter to show help

| (nodemon | starting `node server.js`
| Server is running on port 7777
| (nodemon | starting `node server.js`
| Server is running on port 7777
| (nodemon | starting `node server.js`
| Server is running on port 7777
| (nodemon | watching path(s): *.*
| (nodemon | watching path(s): *.*
| (nodemon | watching extensions: js,mjs,cjs,json |
| (nodemon) starting `node server.js`
| Server is running on port 7777
| The Database was connected successfully
```