

Project Walkthrough

There are 5 microservices :

1. API Gateway
 - a. Entry point to application
 - b. JWT token validation
 - c. Endpoint: `http://localhost:8082/`
2. Discovery Service
 - a. Service Registry for interservice communication
 - b. Endpoint: `http://localhost:8761/`
3. Booking
 - a. Handle booking related operation and interact with booking table
 - b. Endpoint: `http://localhost:8081/`
4. Payment
 - a. Handle payment related operation and interact with payment table
 - b. Endpoint: `http://localhost:8083/`
5. Security
 - a. Handle user registration and JWT token creation
 - b. Endpoint: `http://localhost:8084/`

User flow

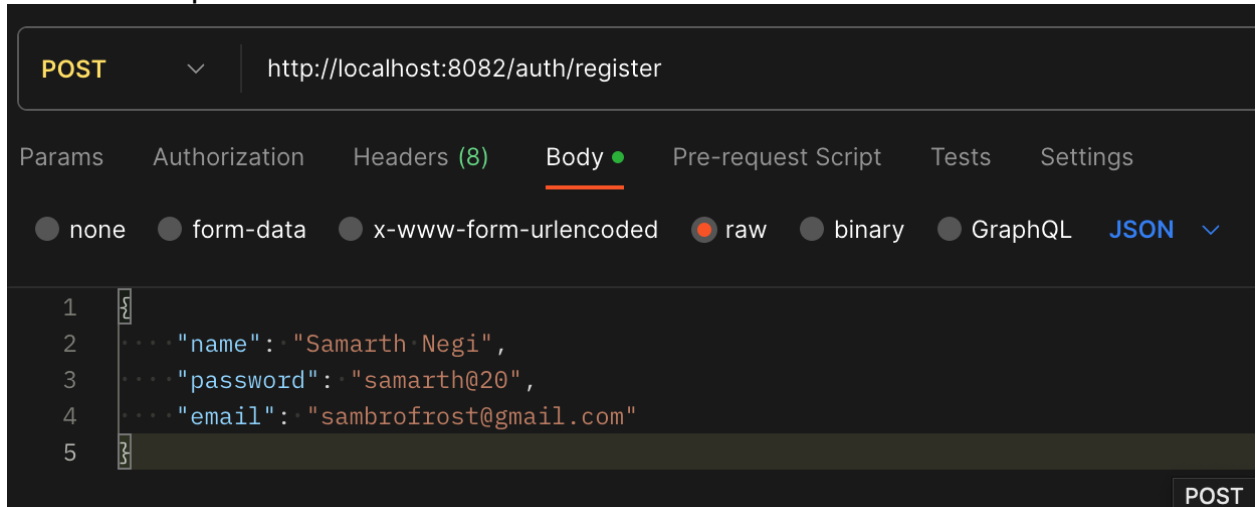
Prerequisites : User must first register themselves with the application and then obtain their JWT token before interacting with any of the API endpoints. The user must send the JWT token in the header with each request.

NOTE : User interacts with the API Gateway ONLY. The API Gateway microservice authenticates the JWT token and then redirects to the required microservice.

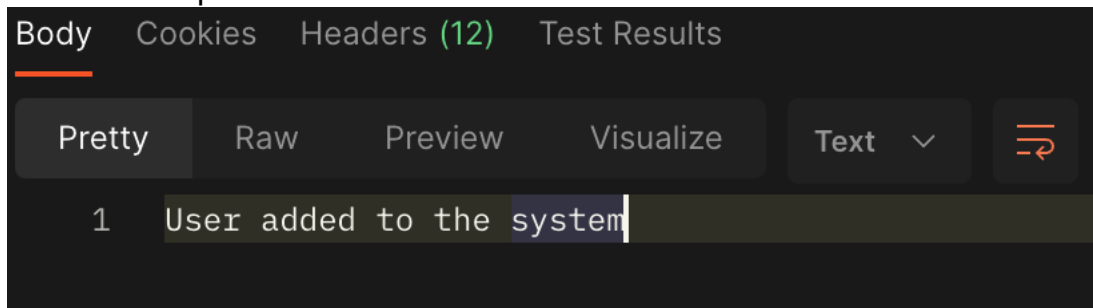
[GitHub](#) HLD & User flow diagram attached.

1. User registers itself using the security service.

Postman Request

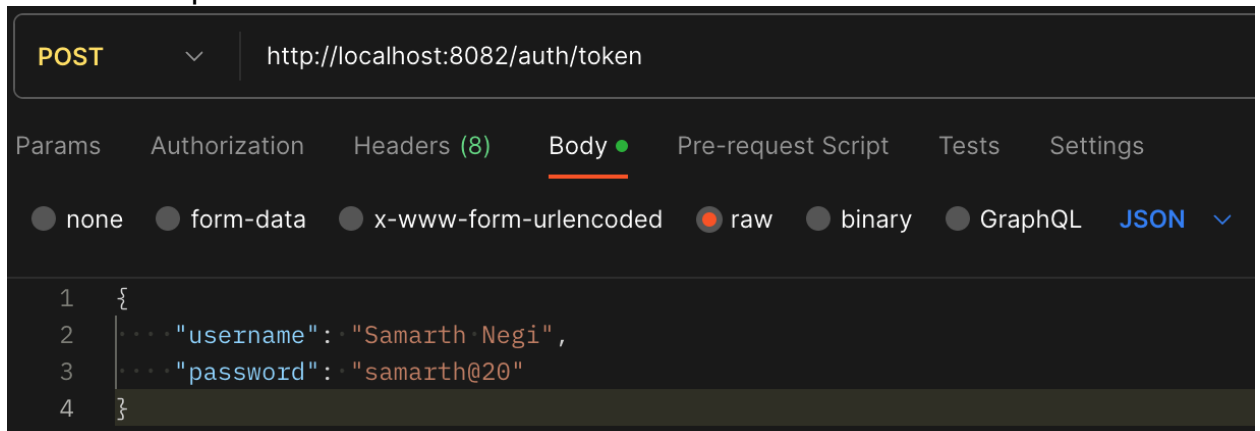


Postman Response

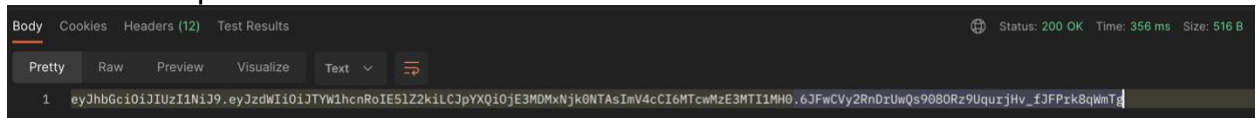


2. User obtain the JWT token to be used for authentication.

Postman Request

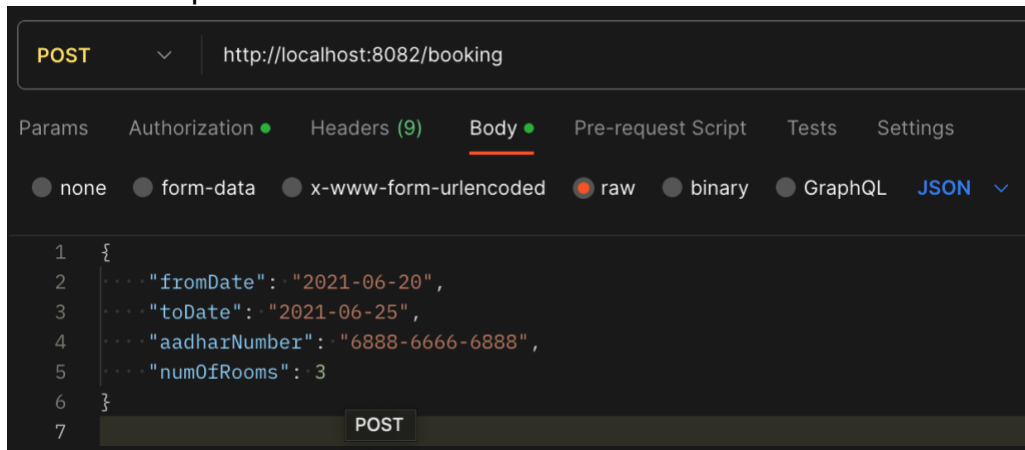


Postman Response

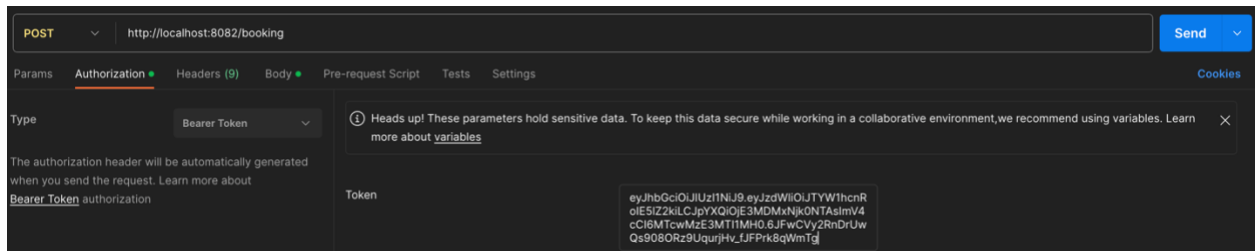


3. User creates a booking.

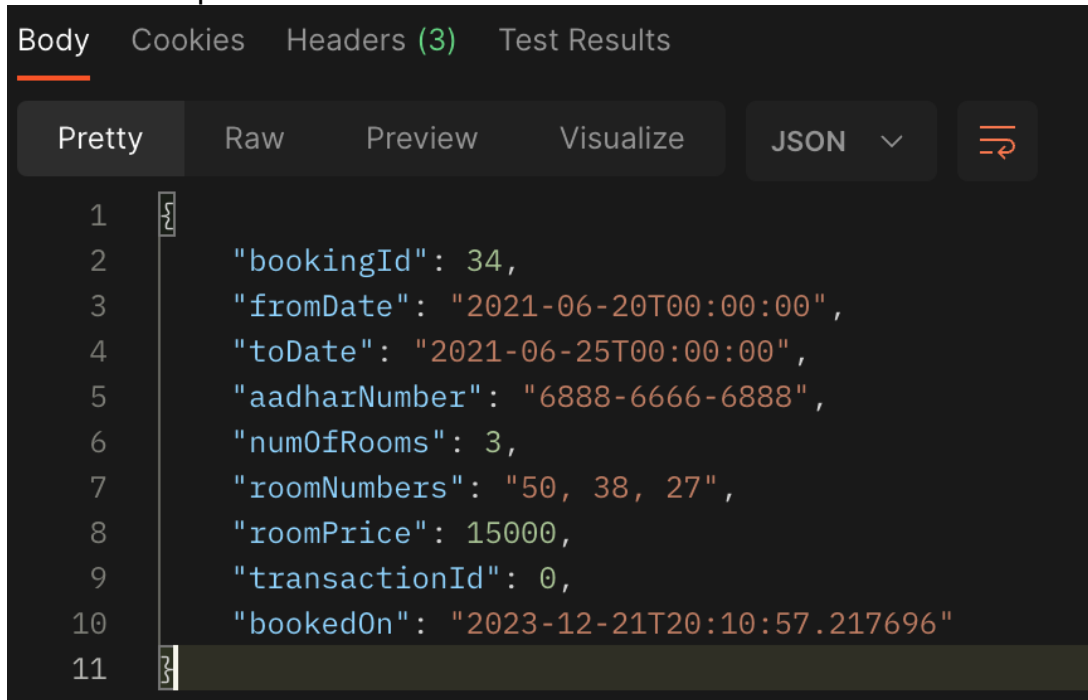
Postman Request



JWT Token

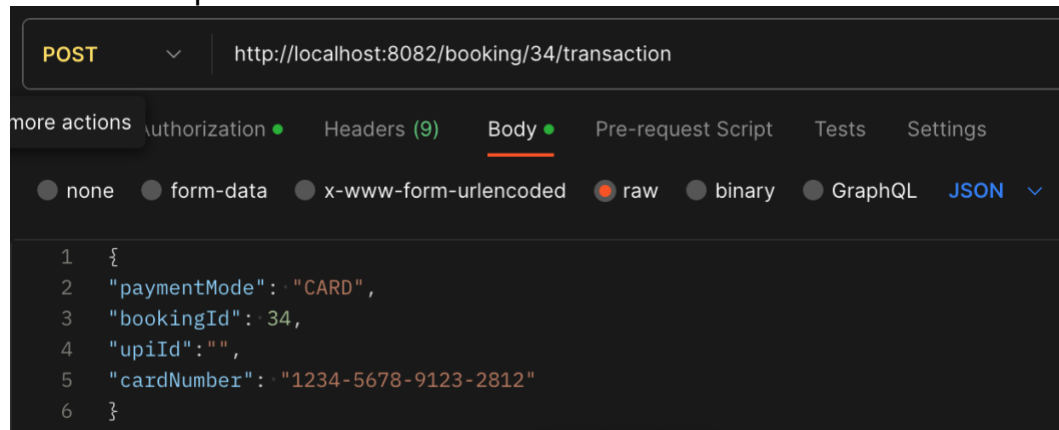


Postman Response

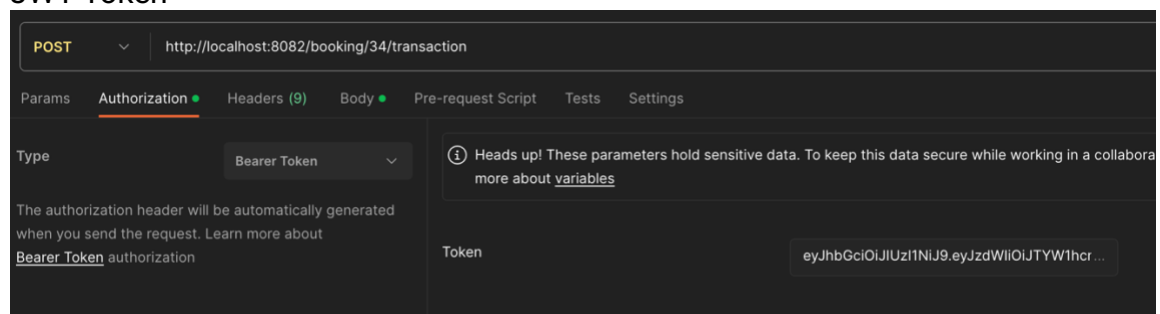


4. User pay's for the booking

Postman Request



JWT Token



Postman Response

