**Microservices assignment 2023**

**Booking System**

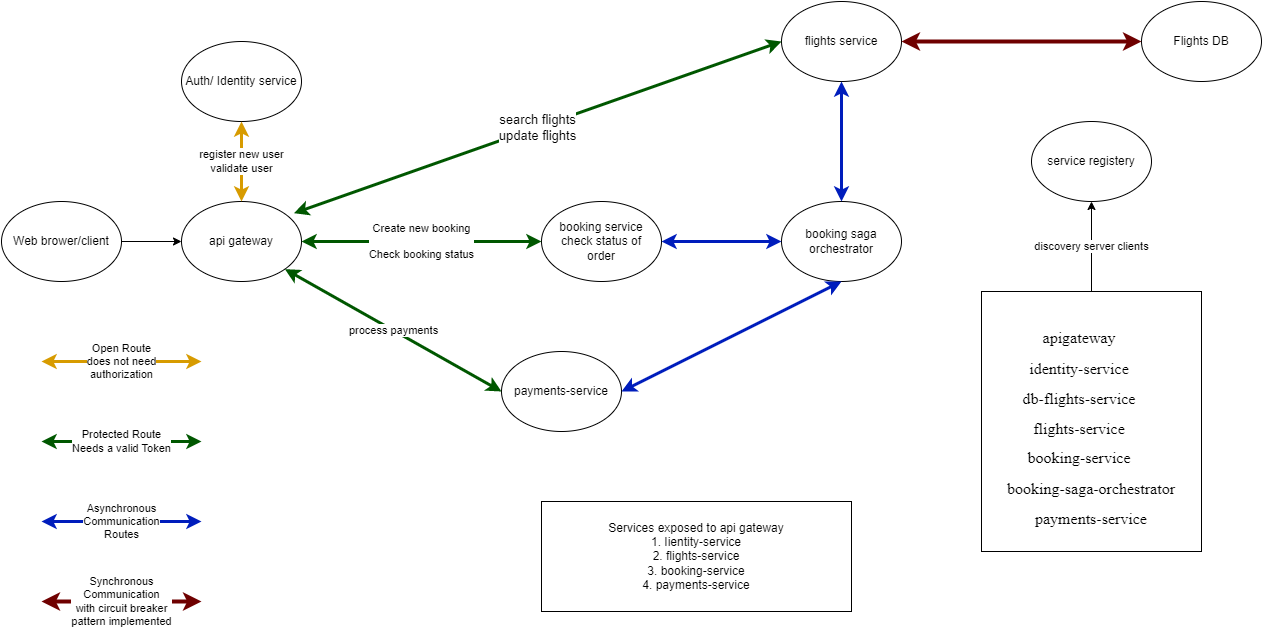
**Flight Booking**

**Services identified for flight booking system**

1. discovery-server
2. apigateway
3. identity-service
4. db-flights-service
5. flights-service
6. booking-service
7. booking-saga-orchestrator
8. payments-service

The above mentioned services are elaborated in next sections.

**A data flow diagram of the proposed system is shown below**

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**Description and usage of various microservices implemented**

1. **Api gateway :**This service is used to map endpoints of different microservices under a single domain.  
     
   Base Uri : <http://localhost:8001>  
   1. Register a new user  
      Uri : <http://localhost:8001/users>  
      Method : Post  
      All fields are required  
      Request Body : JSON  
      Result :  
      
   2. Login user  
      Uri : <http://localhost:8001/users/login>   
      Method : Post  
      All fields are required  
      Request Body : JSON  
      Result :  
      
   3. **To Be Continued…**