**Backlog**

1. Flights Service
   * Implement Create Flight feature using Command Pattern
   * Implement Update Flight feature using Command Pattern
   * Implement Delete Flight feature using Command Pattern
   * Implement Undo/Redo functionality for Create/Update/Delete flights
   * Implement simple queries (list all flights) using Query Object Pattern
   * Implement detailed flight queries using Query Object Pattern
   * Sync flight data between PostgreSQL and Elasticsearch with Signal (Observer Pattern)
   * Implement indexing of flight data in Elasticsearch
2. Flights Filter Service
   * Implement advanced search filters in Elasticsearch for flights
3. Train Service
   * Implement Create Train feature using Command Pattern
   * Implement Update Train feature using Command Pattern
   * Implement Delete Train feature using Command Pattern
   * Implement Undo/Redo functionality for Create/Update/Delete trains
   * Implement simple queries (list all trains) using Query Object Pattern
   * Implement detailed train queries using Query Object Pattern
   * Sync train data between PostgreSQL and Elasticsearch with Signal (Observer Pattern)
   * Implement indexing of train data in Elasticsearch
4. Trains Filter Service
   * Implement advanced search filters in Elasticsearch for Trains
5. Profiles Mirco Service
   * Implement Create Profile feature using Service Layer Pattern
   * Implement Update Profile feature using Service Layer Pattern
   * Implement Delete Profile feature using Service Layer Pattern
   * Implement simple queries (list all profiles)
   * Implement detailed profile queries
6. Authentication & Authorization Micro Service
   * Implement user signup
   * Implement user login
   * Implement password change feature
   * Implement Role-Based Access Control (RBAC)
   * Implement dynamic permission management
7. Wallet Service
   * Implement Create Wallet feature for users by User National Code
   * Implement Update Wallet feature
   * Save wallet transaction history
   * Wallet Credit by gRPC and Observer Pattern communicate with Payment Gateway Service
   * Wallet Debit by gRPC and Observer Pattern communicate with Refund Service
8. Payment Gateway Service
   * Implement Create PaymentGateway
   * Implement Update PaymentGateway
   * Implement Simple Queries on PaymentGateway Model
   * Implement Communicate with Wallet Service by gRPC with Observer Pattern
   * Implement Communicate with Reservation Service by gRPC with Observer Pattern
9. Refund Service
   * Implement Create Refund request feature
   * Implement Update Refund request feature
10. Reservation Service
    * Implement hotel reservation in two steps (operator-based)
    * Implement reservation of flights, tours, and trains with Kafka event producer
    * Implement conditions for triggering reservations
11. Notification Service
    * Implement event-driven notification system
    * Create notification queues and listeners
12. Hotel Service
    * Implement Create Hotel feature
    * Implement Update Hotel feature
    * Implement Delete Hotel feature
    * Implement simple queries (list all hotels)
    * Implement detailed hotel queries
    * Sync hotel data between PostgreSQL and Elasticsearch
    * Implement indexing of hotel data in Elasticsearch
13. Hotel Search Service
    * Implement advanced search filters in Elasticsearch for hotels
14. Hotel Reviews Service
    * Implement Create Hotel Review feature
    * Implement Update Hotel Review feature
    * Implement Delete Hotel Review feature
    * Implement advanced queries for hotel reviews