Report

Online ticket booking system

This is a ticket booking system through which users can take tickets to various events. First, the user selects a specific event, it can be a concert or some kind of sports competition, then he can choose the right tickets for himself.

My system will have three microservices.

1. Events microservice

The events microservice will be open to the outside world using REST endpoints for consumption. They are: the endpoint for finding a event by id; The endpoint for all events matching the query parameter value; The endpoint for creating, deleting a new event, etc.

1. User microservice

This service is used to provide the user with CRUD operations for their own entities.

1. Booking microservice

This is used during CRUD operations when booking tickets. It will be used to search for available seats and distribute tickets based on currently available seats, etc.

1. Payment microservice

Here the process of paying for the selected ticket takes place.

