Introduction

Functional Requirements

- Search for trip

+ Users search by departure/arrival, date, coach type and number of passengers

+ Display search result

\* Information of the trip: date-time, number of remaining seats, price

\* Information is ordered by type of trip (full-trip is displayed first, then trip parts.)

- Booking

+ Users select trip based on search results

+ Users select seats

\* Display seat map for corresponding coach type

\* User can select position on map

\* Registered users can switch seat position for others

+ Payment using PayPal

+ Output ticket code

\* User can view trip info by searching using ticket code

+ Cancel and refund

- Scheduling

+ Create route and schedule

+ Update route/schedule

+ Auto cancel a trip if number of passenger less than 1/2 seat numbers

\* Inform and refund for customers if the trip is cancelled

- Coach management

+ Add new coach

+ Update coach info and status (location tracking)

+ Coach category management

- Pricing and Promotions

+ Pricing based on route, coach type and departure time (price on holidays is higher)

+ Promotion for customer loyalty or special events

- Registration of members (customers) to the site

- User management

+ View transaction history

+ View user info

+ Update user info and status

- Authentication and authorization