**Functional Requirements:**

***Admin:***

Add staff accounts.

Update staff accounts.

View staff accounts.

Delete staff accounts.

Add location records.

Update location records.

View location records.

Delete location records.

Add train related data.

Update train related data.

View train related data.

Delete train related data.

Add train journey related data.

Update train journey related data.

View train journey related data.

Delete train journey related data.

Add passenger seating data?

Update passenger seating data?

View passenger seating data.

Delete passenger seating data.

Add third-party company data.

Update third-party company data.

View third-party company data.

Delete third-party company data.

Add staff from/to train journeys.

Update staff from/to train journeys.

View staff from/to train journeys.

Delete staff from/to train journeys.

Add departing trains.

Update departing trains.

View departing trains.

Delete departing trains.

Add arriving trains.

Update arriving trains.

View arriving trains.

Delete arriving trains.

***Staff:***

View all customer bookings.

View validated customer bookings.

View journey details.

***Customer:***

View (All possible train journeys with area and time as parameters) train journeys

View personal past journeys

View personal upcoming journeys

Create Booking

Edit Booking

Delete booking

View deleted bookings

**User Stories:**

***Admin:***

**Admin System Creation:**

As an admin, I want to be able to create records of arrival and departure locations.

As an admin, I want to be able to delete records of arrival and departure locations.

As an admin, I want to be able to update records of arrival and departure locations.

As an admin, I want to be able to read records of arrival and departure locations.

As an admin, I want to be able to create records of all third-party companies.

As an admin, I want to be able to read records of all third-party companies.

As an admin, I want to be able to update records of all third-party companies.

As an admin, I want to be able to delete records of all third-party companies.

As an admin, I want to be able to create records of all trains.

As an admin, I want to be able to read records of all trains.

As an admin, I want to be able to update records of all trains.

As an admin, I want to be able to delete records of all trains.

**Admin Journey Creation:**

As an admin, I want to be able to create records of train journeys.

As an admin, I want to be able to read records of train journeys.

As an admin, I want to be able to update records of train journeys.

As an admin, I want to be able to delete records of train journeys.

As an admin, I want to be able to read seating records (of passengers).

**Admin Staff assigning:**

As an admin, I want to be able to assign staff members to a train journey.

As an admin, I want to be able to read staff members assigned to a train journey.

As an admin, I want to be able to update staff members assigned to a train journey.

As an admin, I want to be able to delete staff members assigned to a train journey.

**Customer:**

As a customer I would like to pay to book my travel.

As a customer I would to view my booking to ensure that I have paid. so I can choose the right one.

As a customer I would want to view all possible journeys with area and time parameters.

As a customer if I have paid extra, I would like to update my booking.

**Staff:**

As a staff member I would like to read passenger bookings that have paid so I can validate the passenger’s right to travel.

As a staff member I would like to view journey details so that I can know where and when the specified train will stop.

As a staff member I would like to see what journeys I’m working on and the relevant information with it.