Project Team 16 - Railway Reservation Management Database

Team Members:

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PROJECT PROPOSAL

Objective:

To create a railway reservation management database system for all registered users.

Scope:

Railway database that will allow registered users to search for trains from database, book/reserve/cancel railway tickets, also to navigate through past booked tickets. Database will also have data related to trains, costs and available seats.

Content:

- 1. Railway database will store information of passengers(users) who will be accessing the database
- 2. The users will be able to view the train details as train number, route, schedule and available seats
- 3. The users will be able to search and list/filter trains based on date, time route etc
- 4. The users will be able to book/reserve tickets , select seats and class, make payment.
- 5. Administrator who will update train schedule details regularly.
- 6. The user travel history will be maintained in the database.
- 7. User can contact (message) support for any queries.

PROJECT ENVIRONMENT

- 1. For the implementation of database we are using MySQL hosted on AWS.
- 2. For the UI implementation we are going to use Django Framework.
- 3. We have created the new schema for our DB on AWS with the use of Django.

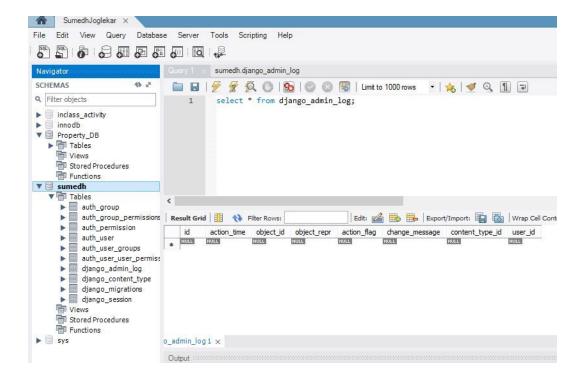
Steps Performed in order to connect to the database :-

1. We have mentioned the Database name and the connection details in the settings.y of Django in order to connect to specific schema.

```
<u>File Edit Search View Encoding Language Settings Macro Run Plugins Window ?</u>
🚆 eval.py 🔀 📑 hrs.log 🔀 📑 HRManager.cpp 🔀 🚍 SQL.cpp 🔀 📑 practice sql.cpp 🗵 🚍 new 1 🖸 🚍 new 2 🔀 🚍 new 4 🗷 🚍 BigData_Assignemnt.py 🗵 🚍 settings.py 🗵
       WSGI_APPLICATION = 'railwaydataBaseData.wsgi.application'
     # Database
# https://docs.djangoproject.com/en/1.11/ref/settings/#databases
 73
74
 76 FIDATABASES = {
            'default': {
                'ENGINE': 'django.db.backends.mysql',
                'NAME': 'sumedh',
 80
                'USER': 'sumedh',
                'PASSWORD': 'PASSWORD': 'PASSWORD': 'PASSWORD': 'PASSWORD': 'PASSWORD': 'PORT': 'fall2018joglekar.ctyaxuwibzdo.us-east-2.rds.amazonaws.com', 'PORT': '3306',
 85
 86
 87
      # Password validation
 88
 89
       # https://docs.djangoproject.com/en/1.11/ref/settings/#auth-password-validators
 91 PASSWORD VALIDATORS = [
 92
```

2. From Django we are able to connect to Database using 'python manage.py migrate' command.

3. Default Django tables are created successfully in the mentioned database.



HIGH LEVEL REQUIREMENTS

Initial user roles

User Roles	Description
User	Can be registered users / administrator
Train	Holds train details
Traveler	Will have the travel details of traveler
Route	Will hold connecting station details
Train_status	The seats availability on particular date
Message	Contains messages of Administrative queries
Reservation	Travel history of reservations
Station	Holds station details

Initial user story descriptions

Story ID	Story description
US1	As a guest I want to register so that I can travel.
US2	As a administrator I want to update train schedule (train status, route details, station details, class fare).
US3	As a user I want to search and list all the trains which are available for me so that I can book tickets.
US4	As a user I want to check the train status, route details, station details and travel cost.
US5	As a user I want to book tickets so that traveler can reserve the seat.
US6	As a user I want to cancel reservation so that traveler can release the seat.
US7	As a user I want to view my travel history.
US8	As a user I want to send message to administrator for any queries.
US9	As a administrator I want to reply to the queries.

HIGH LEVEL CONCEPTUAL DESIGN

Entities

User

Train

Traveler

Route

Train status

Message

Reservation

Station

Relationships

User search Train

User lists Train

User books Traveler

User make Reservation

User cancel Reservation.

User checks Train_status.

Train has Train_status

Train has Route

Route contains Station

User can message User

User(Administrator) can update Train(Train schedule, Train Details).

Project: Sprint 1 - Database design and implementation

REFINED HIGH LEVEL REQUIREMENTS

Initial user roles

User Roles	Description
User	Can be registered users
Administrator	Administrator can update the Train Schedule and reply to the queries
Traveler	Will have the travel details of traveler

Part 1: Refine requirements

Subset of User Stories chosen for Sprint1 : { US1, US3, US4 from sprint 0}

Story ID	Story description
US1	As a guest, I want to register so that I can travel.
US2	As a user, I want to search all the trains which are available with cost.
US3	As a user, I want to search and list all the trains which are available for all source and destination.
US4	As a user, I want to check the train seat availability so that I can book the ticket.
US5	As a user, I want to check the station details so that i can view options.

Part 2: Perform conceptual design

CONCEPTUAL DESIGN

```
Entity: User
Attributes:
      user_id (Simple,Primary Key)
      ssn (Simple)
      name (Composite)
             first_name
             last_name
      email_id (Simple)
       phone_no (Multi-valued,Composite)
             country_code
             area_code
             prefix
             line number
      gender (Simple)
      date_of_birth (Simple)
      address (Composite)
             address_line1
             city
             State
             zip_code
```

Note :-

- 1. User_Id will be the primary key of table User and User_id will get auto generated when the user gets registered.
- 2. Email_id is simple assuming each user will use 1 email id
- 3. Phone_no is multi valued as each user can have multiple phone number and it will be composite as can be divided further divided into country_code, area_code, prefix, line_number.

```
Entity: Train
Attributes :
       <u>train_number</u>(simple)
       train_name (simple)
       source (simple)
       destination (simple)
       no_available_seats (simple)
       travel_fare (simple)
Note:
       1.Train_number will be the primary key of the table.
       2. no_available_seats will give how many seats are available.
Entity: UserAccount
Attributes:
       <u>username</u> (simple)
       password
Note:
In the UserAccount table username will be the primary key.
Entity: Station
Attributes:
       station_no (simple)
       station_name (simple)
       location (composite)
              address_line1
              city
              state
       zip_code
Note:
station_no will be the primary key of Station.
Entity: Ticket
Attributes:
       ticket_no,
       user_id,
       train_number,
```

travel_date,

no_of_passengers, ticket_status total_cost source destination

Entity: passenger

Attributes:

Note:

1. ticket_no will be the primary key of Ticket.

Relationship: User has UserAccount

Cardinality: one to one

Participation:

User entity has total participation with the UserAccount entity UserAccount entity has total participation with the User entity

Relationship: **Train** stopsAt **Station**

Cardinality: many to many

Participation:

Train entity has total participation with the Station entity Station entity has total participation with the Train entity

Relationship: Train startsAt Station

Cardinality: many to many

Participation:

Train entity has total participation with the Station entity Station entity has total participation with the Train entity

Part 3: Perform logical design

LOGICAL DESIGN

Table : User Column :

user id

```
ssn
first_name
last_name
email_id
phone_no1
phone_no2
gender
date_of_birth
address_line1
city
state
zip_code
```

Note:

1. phone_no is restricted to have only 2 values per user.

Table: Train **Column**:

train_number train_name source destination no_available_seats travel_fare

Table: UserAccount

Column:

user_id (foreign key referencing to user_id from User)

<u>username</u> password

Note:.

- 1. In order to maintain the security measures, password details of the user will get stored in different table called UserAccount.
- 2. user_id will be used to link user information of particular user.

Table: Station
Column :

station_no

```
station_name
address_line1
city
state
zip_code
```

Note:

1.Station_no will be the primary key to uniquely identify the the table.

Table: StartsAt Column:

<u>station_no</u> (foreign key referencing to station_no from Station)
<u>train_number</u> (foreign key referencing to train_number from Train)
arrival_time
departure_time

Note:

For many-to-many relationship "Train startsAt Station" create table startsAt and add station_no, train_number, departure_time as columns to it.

For many-to-many relationship "Train stopsAt Station" create table stopsAt and add station_no, train_number, arrival_time as columns to it. But this has much of the same attributes as that of startsAt table and to avoid redundancy, combine arrival_time with startsAt table.

Part 4: Implement and deploy database

DML SQL Queries:

Table: User

CREATE TABLE User(
user_id int(10) AUTO_INCREMENT primary key,
ssn varchar(12) not null,
first_name varchar(80) not null,
last_name varchar(80) not null,
email_id varchar(80),
phone_number1 double not null,
phone_number2 double,
gender varchar(10) not null,
date_of_birth date not null,
address_line1 varchar(100) not null,

```
city varchar(50) not null,
state varchar(50) not null,
zip_code varchar(20) not null
);
Table: UserAccount
create table UserAccount(
user_id int(10) not null,
username varchar(20) primary key,
password varchar(20) not null,
FOREIGN KEY fk_user_id(user_id) REFERENCES User(user_id)
);
Table : Train
CREATE TABLE Train(
  train_number int(11),
 train_name varchar(25) not null,
 tsource varchar(25) not null,
  destination varchar(25) not null,
  no_available_seats int(10),
 travel_fare int(10) not null,
PRIMARY KEY(train_number)
);
Table: Station
create table station(
  station_no int(10) primary key,
  station_name varchar(50) not null,
  address_line1 varchar(100) not null,
  city text(25) not null,
  state text(35) not null,
  zip_code int(10) not null
);
Table: StartsAt
```

create table startsAt(

```
station_no int(10),
train_number int(10),
arrival_time time,
departure_time time,
primary key(station_no, train_number),
FOREIGN KEY (station_no) REFERENCES station(station_no),
FOREIGN KEY (train_number) REFERENCES Train(train_number)
);
DDL SQL Queries :
```

User:

insert into

User(ssn,first_name,last_name,email_id,phone_number1,phone_number2,gender,date_of_birth,address_line1,city,state,zip_code)

values('100000000','Jinal','Butani','jbutani@uncc.edu','9802262049','9506065760','female','1996/10/20','10001 c, graduate In','Charlotte','NC','28262');

insert into

User(ssn,first_name,last_name,email_id,phone_number1,phone_number2,gender,date_of_birth,address line1,city,state,zip code)

values('459000000','Sumedh','Joglekar','sjogleka@uncc.edu','9028251242','7049573530','male',' 1994/05/04','516 Barton Creek Dr, Apt C','Charlotte','NC','28262');

insert into

User(ssn,first_name,last_name,email_id,phone_number1,phone_number2,gender,date_of_birth,address_line1,city,state,zip_code)

values('56000000','Gaurav','Mahadik','gmahadik@uncc.edu','9969449896','7049572230','male',' 1996/08/20','200 Barton Creek Dr, Apt D','Charlotte','NC','28262');

insert into

User(ssn,first_name,last_name,email_id,phone_number1,phone_number2,gender,date_of_birth,address_line1,city,state,zip_code)

values('9786875980','Sakshat','Surve','ssurve@uncc.edu','9969112128','7049578888','male','19 96/01/12','9402 University Terrace Dr, Apt F','Charlotte','NC','28262');

insert into

User(ssn,first_name,last_name,email_id,phone_number1,phone_number2,gender,date_of_birth,address_line1,city,state,zip_code)

values('5198567441','Praik','Parekh','pparekh@uncc.edu','8097470356','7049572886','male','19 96/12/25','9421,University Bldv','Charlotte','NC','28262');

UserAccount:

```
insert into UserAccount (user_id,username,password) values ('1','jinal01','jinal01'); insert into UserAccount (user_id,username,password)
```

```
values ('2','sumedh','sumjog');
insert into UserAccount (user_id,username,password)
values ('3','gaurav','gm007');
insert into UserAccount (user_id,username,password)
values ('4','sakshat','ssurve');
insert into UserAccount (user_id,username,password)
values ('5','Pratik','pparekh2')
```

Train:

INSERT INTO Train

(train_number,train_name,tsource,destination,no_available_seats,travel_fare) VALUES (12345, 'charlotteexp', 'charlotte', 'tampa', 3, 25);

INSERT INTO Train

(train_number,train_name,tsource,destination,no_available_seats,travel_fare) VALUES (23456, 'chicagoexp', 'chicago','newyork',2,40);

INSERT INTO Train

(train_number,train_name,tsource,destination,no_available_seats,travel_fare) VALUES (34567,'bostonexp','boston','lafayette',65,17);

INSERT INTO Train

(train_number ,train_name,tsource,destination,no_available_seats,travel_fare)VALUES (67890,'atlantaexp','atlanta','raleigh',11,70);

INSERT INTO Train

(train_number,train_name,tsource,destination,no_available_seats,travel_fare)VALUES (45678,'texasexp','dallas','chicago',45,56);

Station:

INSERT INTO station(station_no,station_name,address_line1,city,state,zip_code) VALUES (234,'Charlotte Station','1914 N Tryon St','Charlotte','North Carolina',28262);

INSERT INTO station(station_no,station_name,address_line1,city,state,zip_code) VALUES (250,'Union Station','601 N Nebraska Ave','Tampa','Florida',32003);

INSERT INTO station(station_no,station_name,address_line1,city,state,zip_code) VALUES (125,'Cary Station','211 N Academy St','Cary','North Carolina',28262);

INSERT INTO station(station_no,station_name,address_line1,city,state,zip_code) VALUES (129,'Union Station','225 S Canal St','Chicago','Illinois',60001);

INSERT INTO station(station_no,station_name,address_line1,city,state,zip_code) VALUES (325,'Washington Union Station','50 Massachusetts Ave NE','Washington','DC',20002);

INSERT INTO station(station_no,station_name,address_line1,city,state,zip_code) VALUES (225,'Penn Station','IRT Broadway,Seventh Avenue Line,34 St','New York','NY',10119);

INSERT INTO station(station_no,station_name,address_line1,city,state,zip_code) VALUES (285,'Back Bay Station','145 Dartmouth St','Boston','Massachusetts',02116);

INSERT INTO station(station_no,station_name,address_line1,city,state,zip_code) VALUES

(415,'lafayette station','200 N Second St','lafayette','Louisiana',47901); INSERT INTO station(station_no,station_name,address_line1,city,state,zip_code) VALUES (365,'Peachtree Station','1688 Peachtree St NW','Atlanta','Georgia',31119); INSERT INTO station(station_no,station_name,address_line1,city,state,zip_code) VALUES (248,'Raleigh Union Station','510 W Martin St','Raleigh','North Carolina',27601); INSERT INTO station(station_no,station_name,address_line1,city,state,zip_code) VALUES (437,'Union Station','400 S Houston St','Dallas','Texas',75202);

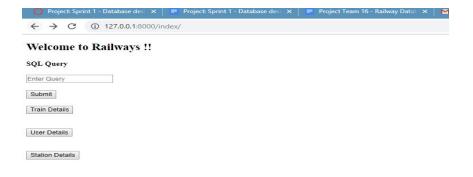
StartsAt:

INSERT INTO startsAt(station_no,train_number,arrival_time,departure_time) VALUES (234,12345,null,'01:46:00'), (125,12345,'09:53:00','11:05:00'), (250, 12345,'09:23:00',null), (129,23456,null,'21:30:00'), (225,23456,'18:45:00',null);

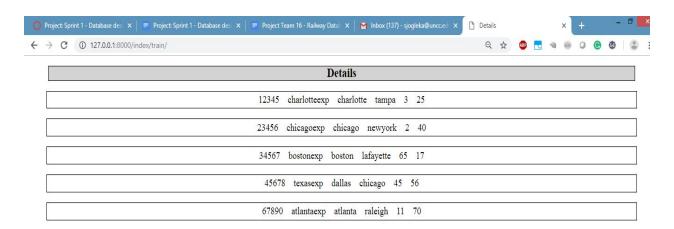
Part 5: Demonstrate key SQL queries

Screenshots:

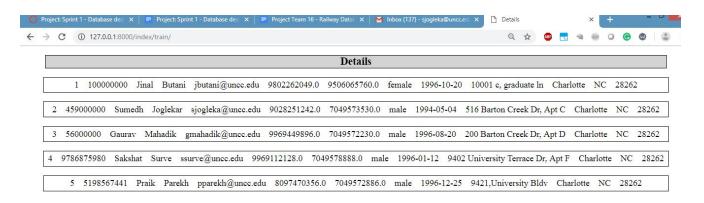
1. Home Page



2. Train Details



3. User Details



4. Station Details

Project: Sprint 2 - Database design and implementation

User roles

User Roles	Description
User	Can be registered users
Administrator	Administrator can update the Train Schedule and reply to the queries
Passenger	Will have the travel details of Passenger

Part 1: Refine requirements

Subset of User Stories for Sprint 2:

Story ID	Story description	
US1	As a guest, I want to register so that I can travel.	
US2	As a user, I want to search and list all the trains which are available for the desired source and destination.	
US3	As a user, I want to check the train seat availability so that I can book the ticket.	
US4	As a user, I want to check the station details so that I can view the options.	
US5	As a passenger I need to have ticket so that I can travel.	
US6	As a user I want to book tickets so that passenger can reserve the seat.	
US7	As a user I want to cancel tickets.	
US8	As a user I want to view my travel history.	

Part 2: Perform conceptual design

CONCEPTUAL DESIGN

```
Entity: User
Attributes:
      ssn (Simple)
      name (Composite)
             first_name
             last_name
      email id (Simple)
      phone_no (Multi-valued,Composite)
             country_code
             area_code
             prefix
             line_number
      gender (Simple)
      date_of_birth (Simple)
      address (Composite)
             address_line1
             city
             State
             zip_code
```

Note:-

- 1. Email id will be the natural primary key User Entity
- 2. Phone_no is multi valued as each user can have multiple phone number and it will be composite as can be divided further divided into country_code, area_code, prefix, line_number.

Entity: UserAccount

Attributes:

<u>username</u> (simple)

password

Note:

In the UserAccount table username will be the natural primary key.

```
Entity: Train
Attributes :
       <u>train_number</u>(simple)
       train_name (simple)
       source (simple)
       destination (simple)
       total_capacity(simple)
       base_fare(simple)
Note:
       1.train number will be the natural primary key of the Entity.
       2. total_capacity will give total capacity of train.
       3. base_fare will be per hault.
Entity: Availability
Attributes:
       train number
       train running day
       no_available_seats(derived)
Note:
       1.train_number and train_running_date will be composite primary key of the Entity .
       2. The Train_running_day will be monday to Sunday value, limiting to 7 days.
Entity: Station
Attributes:
       station no (simple)
       station_name (simple)
       location (composite)
              address_line1
              city
              state
              zip_code
Note:
station_no will be the natural primary key of Station.
```

```
Entity : Ticket Attributes:
```

```
ticket_no (simple)
train_number (simple)
travel_day (simple)
no_of_passengers (simple)
ticket_status (simple)
source (simple)
```

Note:

1. ticket_no will be the natural primary key to the Ticket entity.

(simple)

- 2. No of passengers holds the number of tickets booked by the user.
- 3. Ticket_status will have the booked/cancelled information.

Entity: Passenger

destination

Attributes:

```
name (Composite)
first_name
last_name
email_id (Simple)
phone_no (Multi-valued,Composite)
country_code
area_code
prefix
line_number
gender (Simple)
```

Note:

- 1. Passengers are the actual travelers in the train.
- 2. Email_id is identified as a natural primary key.

Relationship: User has UserAccount

Cardinality: one to one

Participation:

User entity has total participation with the UserAccount entity UserAccount entity has total participation with the User entity

Relationship: **Train** stopsAt **Station**

Cardinality: many to many

Participation:

Train entity has total participation with the Station entity Station entity has total participation with the Train entity

Relationship: **Train** startsAt **Station**

Cardinality: many to many

Participation:

Train entity has total participation with the Station entity Station entity has total participation with the Train entity

Relationship: **User** books **Ticket**

Cardinality: one to many

Participation:

User entity has partial participation with the Ticket entity Ticket entity has total participation with the User entity

Relationship: **User** cancels **Ticket**

Cardinality: one to many

Participation:

User entity has partial participation with the Ticket entity Ticket entity has total participation with the User entity

Relationship: User checks Availability

Cardinality: one to many

Participation:

User entity has partial participation with the Availability entity Availability entity has partial participation with the User entity

Relationship: Passengers have Ticket

Cardinality: many to many

Participation:

Passengers entity has total participation with the Ticket entity Ticket entity has total participation with the Passengers entity

Part 3: Perform logical design

LOGICAL DESIGN

```
Table : User
Column :

username
first_name
last_name
email_id
phone_no1
phone_no2
gender
date_of_birth
address_line1
city
state
zip_code
```

Note:

- 1. phone_no is restricted to have only 2 values per user.
- 2. Introducing username as synthetic primary key to the table

Table: UserAccount

Column:

<u>username</u>(foreign key referencing to username from User) password

Note:

- 1. In order to maintain the security measures, password details of the user will get stored in different table called UserAccount.
- 2. username will be used to link user information of particular user.

```
Table: Station
Column :
    station_no
    station_name
    address_line1
    city
```

state zip_code

Note:

1. Station_no will be the primary key to uniquely identify the the table.

Table: Train **Column**:

train_number train_name source destination total_capacity base fare

Table: StartsAt

Column:

<u>station_no</u> (foreign key referencing to station_no from Station)
<u>train_number</u> (foreign key referencing to train_number from Train)
arrival_time
departure_time
hault

Note:

- 1. For many-to-many relationship "Train startsAt Station" we need to create table startsAt and add station_no, train_number, departure_time as columns to it.
- 2. For many-to-many relationship "Train stopsAt Station" we need to create table stopsAt and add station_no, train_number, arrival_time as columns to it. But these are the same attributes as that of startsAt table and to avoid redundancy, combine arrival_time with startsAt table.

Table : Availability

Columns:

train_number (foreign key referencing to train_number from Train)
train_running_day
no_available_seats

Note:

- 1. train_number and train_running_day will be the composite primary key.
- 2. no_available_seats will be calculated as total_capacity count(no_of_passengers) for particular train number on particular day.

```
Table: Ticket
Column:
       ticket no
       train_number (foreign key referencing to train_number from Train)
       travel day
       no_of_passengers
       ticket_status
       source
       destination
Note:
           1. ticket_no will be the primary key of Ticket.
Table: BooksCancels
Column:
       username
                     (foreign key referencing to username from User table)
                     (foreign key referencing to ticket_no from Ticket table, also primary key
       ticket no
                      Travel_History table)
Note:
   1. ticket_no, will be the primary key to the BooksCancel table.
Table: Passenger
Column:
       email id (primary key )
       first_name
       last_name
       phone_no
       gender
Note:
   1. <u>email id will be the primary key of Ticket.</u>
   2. Phone_no is changed to single valued attribute.
Table: Passenger_Ticket
Column:
       ticket no (foreign key referencing to ticket_no from Ticket table
```

email id (foreign key referencing to Passenger)

1. <u>email id, ticket no</u> will be the primary key of Ticket.

Note:

Part 4: Normalization

```
Table : User Column :
```

username
first_name
last_name
email_id
phone_no1
phone_no2
gender
date_of_birth
address_line1
city
state
zip_code

Highest Normalization Level: 2NF

Justification:

- Zip code depends on city so there is transitive dependency.
- We can keep property table in 2NF as attribute zip code is not unique and creation of separate table for zip code will not be feasible as it will not reduce space requirement to store the data also it will increase unnecessary joins while creating the tables.

Table: UserAccount

Column:

<u>username</u> password

1. Highest Normalization level: 4NF

Table: Station **Column**:

station_no
station_name
address_line1
city
state
zip_code

Highest Normalization Level: 2NF

Justification:

- Zip code depends on city so there is transitive dependency.
- We can keep property table in 2NF as attribute zip code is not unique and creation of separate table for zip code will not be feasible as it will not reduce space requirement to store the data also it will increase unnecessary joins while creating the tables.

Table: Train **Column**:

train_number train_name source destination total_capacity Base_fare

1. Highest Normalization level: 4NF

Table: StartsAt

Column:

<u>station_no</u> (foreign key referencing to station_no from Station)
<u>train_number</u> (foreign key referencing to train_number from Train)
arrival_time
departure_time
hault

- 1. Highest Normalization level: 2NF
- 2. Table StartsAt is in 2NF as departure_time depends on arrival_time.
- 3. This can be resolved by creating separate tables for arrival_time and departure_time but this will lead to redundant data and hence keeping it in 2NF.

Table : Availability

Columns:

train_number (foreign key referencing to train_number from Train)
train_running_day
no_available_seats

1. Highest Normalization level: 4NF as no_available_seats depends on both train_running_day and train_number.

```
Table: Ticket Column:
```

ticket_no

train_number (foreign key referencing to train_number from Train)

travel_day

no_of_passengers

ticket_status

source

destination

1. Highest Normalization level: 2NF

Justification: There is a transitive dependency with source and train_number and destination and train_number. We are keeping it in 2NF only as creating another table will result in complexity while doing data retrieval.

Table: BooksCancels

Column:

username (foreign key referencing to username from User table)

<u>ticket_no</u> (foreign key referencing to ticket_no from Ticket table, also primary key

user ticket info table)

1. Highest Normalization level: 4NF

Table: Passenger_Ticket

Column:

<u>ticket_no</u> (foreign key referencing to ticket_no from Ticket table) email id (foreign key referencing to Passenger)

Note:

1. <u>email id, ticket no</u> will be the primary key of Ticket.

Table: Passenger

Column:

email_id (primary key)
first_name
last_name
phone_no
gender

Note:

1. Highest Normalization level: 4NF

Part 5: Query Execution

1. Home Page

← → C ① 127.0.0.1:8000/index/

Welcome to Railways!!

SQL Query

Enter Query

Submit

Train Details

User Details

Station Details

Check Availability of Train Train Number and Travel Day

Enter Travel Day

Enter Train Number

Available Seats

Check Fare

Check Trains In Betweeen

2. Check Availability of Seats in particular train on particular Day

Check Availability of Train Train Number and Travel Day

Monday	
12345	
Available Seats	

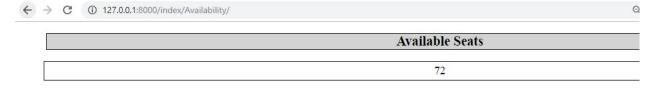
Output:



After New Ticket created:

insert into Ticket values('FF090G009',12345,'Monday',3,'Confirm','Tempa','New York');

Changed Output:



	Cost of trave	el between desired	d source and des	tination and tr	ain number	
← →	C (i) 127	7.0.0.1:8000/index/for	m_fare/			
Check l	Fare					
Enter Sour	ce , Destinatio	n and Train Number				
Charlotte Sta	ation					
lafayette stat	tion					
12345						
Submit						
Output:						
← → G	127.0.0.1:8000	0/index/form_fare/Fare/				
6				Fare		
-				30		
	n Between ⁻	Trains:				
CHOINE ACTION		127.0.0.1:8000/inde:	x/form_availability/			
Check		n Betweeen	x/form_availability/			
Check	Trains I	n Betweeen	x/form_availability/			
Check Enter Sou	Trains I	n Betweeen	x/form_availability/			
Check Enter Sou	Trains I	n Betweeen	x/form_availability/			

Output:

