**SCHEMA AND IMPLEMENTATION DETAILS**


**LIST OF RELATION**


```
postgres=# \d
           List of relations
 Schema |       Name       | Type  |  Owner
--------+------------------+-------+----------
 public | ac_coach_comp    | table | postgres
 public | sl_coach_comp    | table | postgres
 public | tickets          | table | postgres
 public | train_avail      | table | postgres
 public | trains           | table | postgres
(5 rows)
```

AC_COACH_COMP - it contains the berth type of seat in ac coach.
SL_COACH_COMP - it contains the berth type of seat in sl coach.
Tickets            -    it contain the information about the tickets(seat no ,berth no etc) and all
the  passenger data

Train_avail        –    it contain list of all train no which can be released for booking.
Trains             –    it contains the train data which are released for booking.


**HOW TO RUN THE CODE**
Following are the steps to run our project:
1.Run the create_database.java .This will create all the required tables and
functions/procedures in postgres.
2. Run admin.java.
Then press 1 to release train into trains table and press 2 to enter all train data available to be
released into train_avail table.
3.Then run ServiceModule.java and Client.java.
The output will be printed in output files and also the tickets table will be updated.