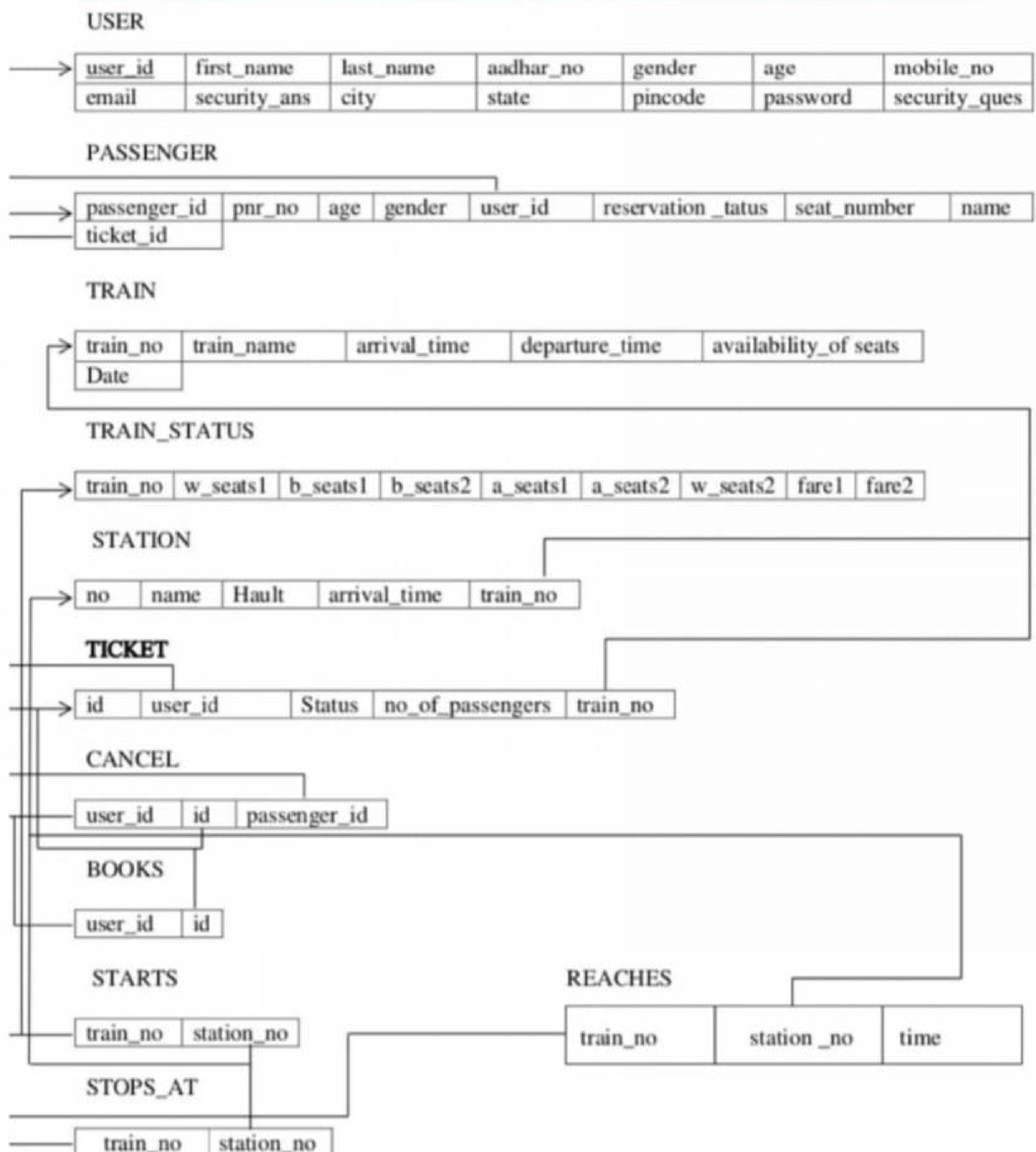


8 NORMALISATION AND FINAL LIST OF RELATION



9 Sql queriess related to report generation

1.print user id and name of all those user who booked ticket for pinakini express select u.user id,concat(u.first name,u last name) as name from user u,train t,ticket tc where u.user id=tc.user id and t.train no = tc train no and t.train name like 'pinakini exp':

```
mysql> select u.user_id,concat(u.first_name,u.last_name)as name
-> from user u,train t,ticket tc
-> where u.user_id=tc.user_id and t.train_no=tc.train_no and t.train_name
-> like 'pinakini exp';
+-----+-----+
| user_id | name          |
+-----+-----+
| 1701    | vijaysharna  |
| 1701    | vijaysharna  |
+-----+-----+
2 rows in set (0.00 sec)
```

2.print detaisl of passengers travelling under ticket no 4001

select *

from passenger

```
mysql> select *
-> from passenger
-> where ticket_id like 4001;
+-----+-----+-----+-----+-----+-----+-----+-----+
| passenger_id | pnr_no | age | gender | user_id | reservation_status | seat_number | name | ticket_id |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 5001         | 78965 | 45  | M      | 1701    | C                  | BK-45      | ramch | 4001      |
+-----+-----+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

where ticket id like 4001;

3. display all those train no's which reach station no

select t.*

from train t,station s,reaches r

where t.train no=r.train no and r.station no=s.no and s.name like 'Vi-

```
mysql> select t.*
-> from train t,station s,reaches r
-> where t.train_no=r.train_no and r.station_no=s.no and s.name like 'Vijayawada';
+-----+-----+-----+-----+-----+-----+
| train_no | train_name | arrival_time | departure_time | availability_of_seats | date |
+-----+-----+-----+-----+-----+-----+
| 12315    | cormandel exp | 12:45:00    | 12:50:00      | N                    | 2017-04-10 |
| 12255    | shatabdhi exp | 13:55:00    | 14:00:00      | N                    | 2017-04-11 |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

jayawada';