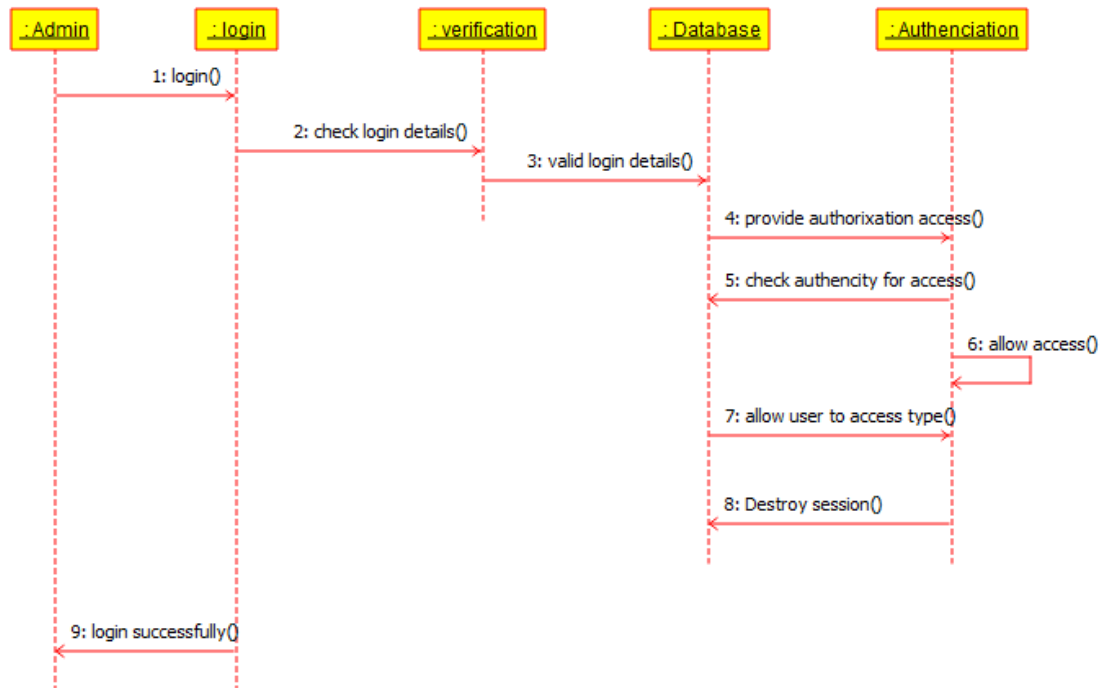# RAILWAY RESERVATION SYSTEM UML DIAGRAMS
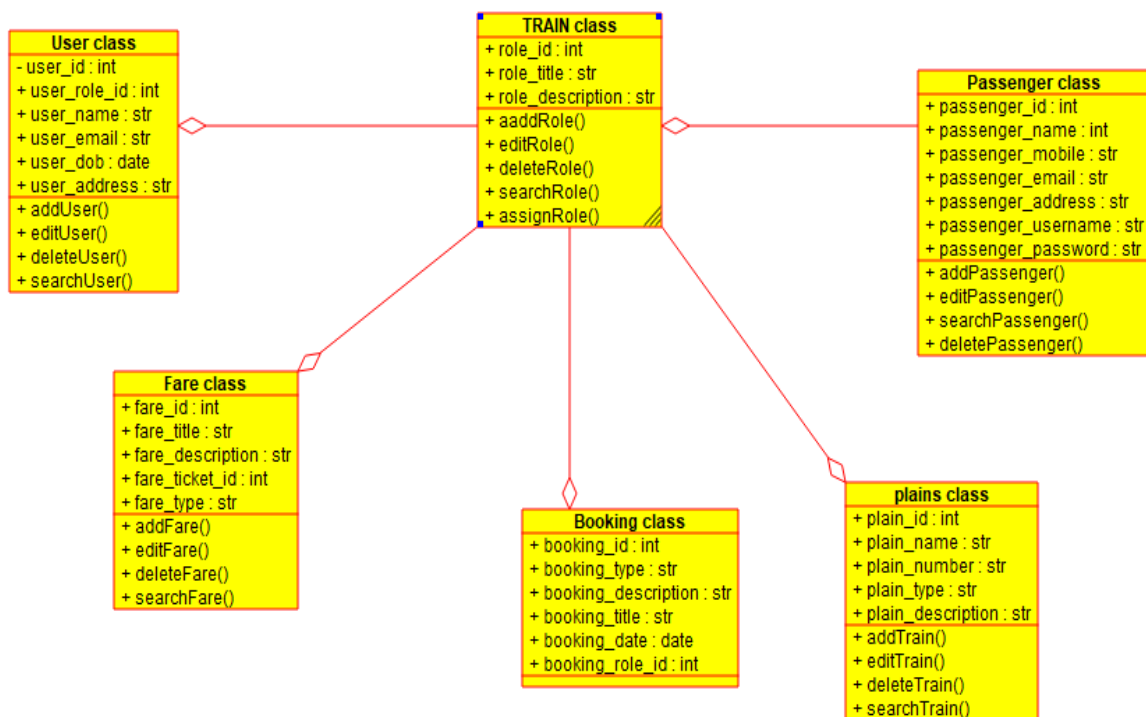
GOWNI PRAVEEN KUMAR
{192011203}

1.USE CASE DIAGRAM
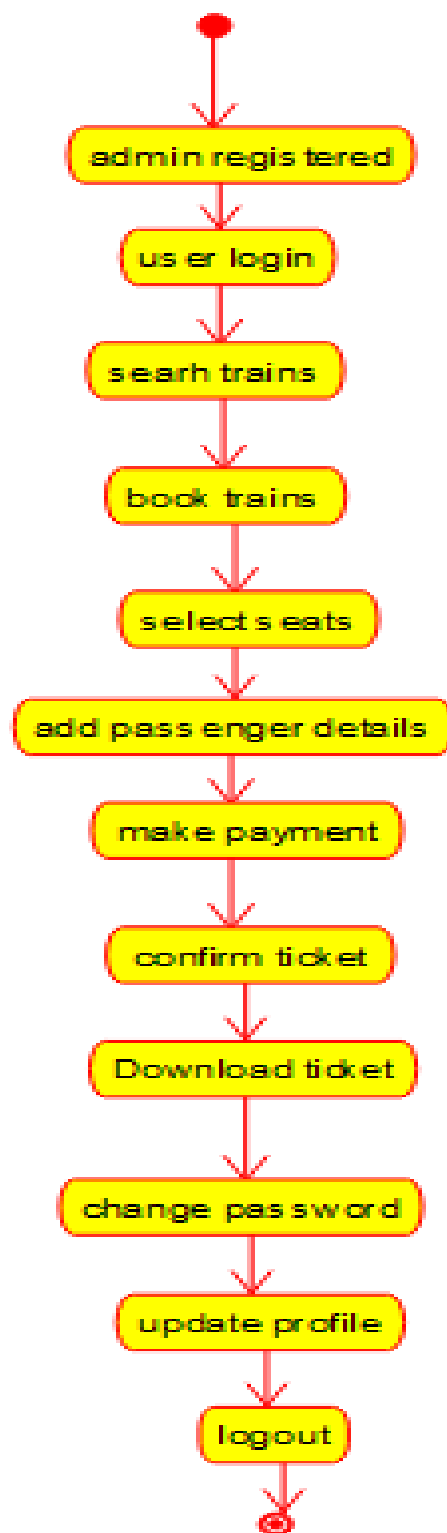

2.SEQUENCE DIAGRAM

3.CLASS DIAGRAM

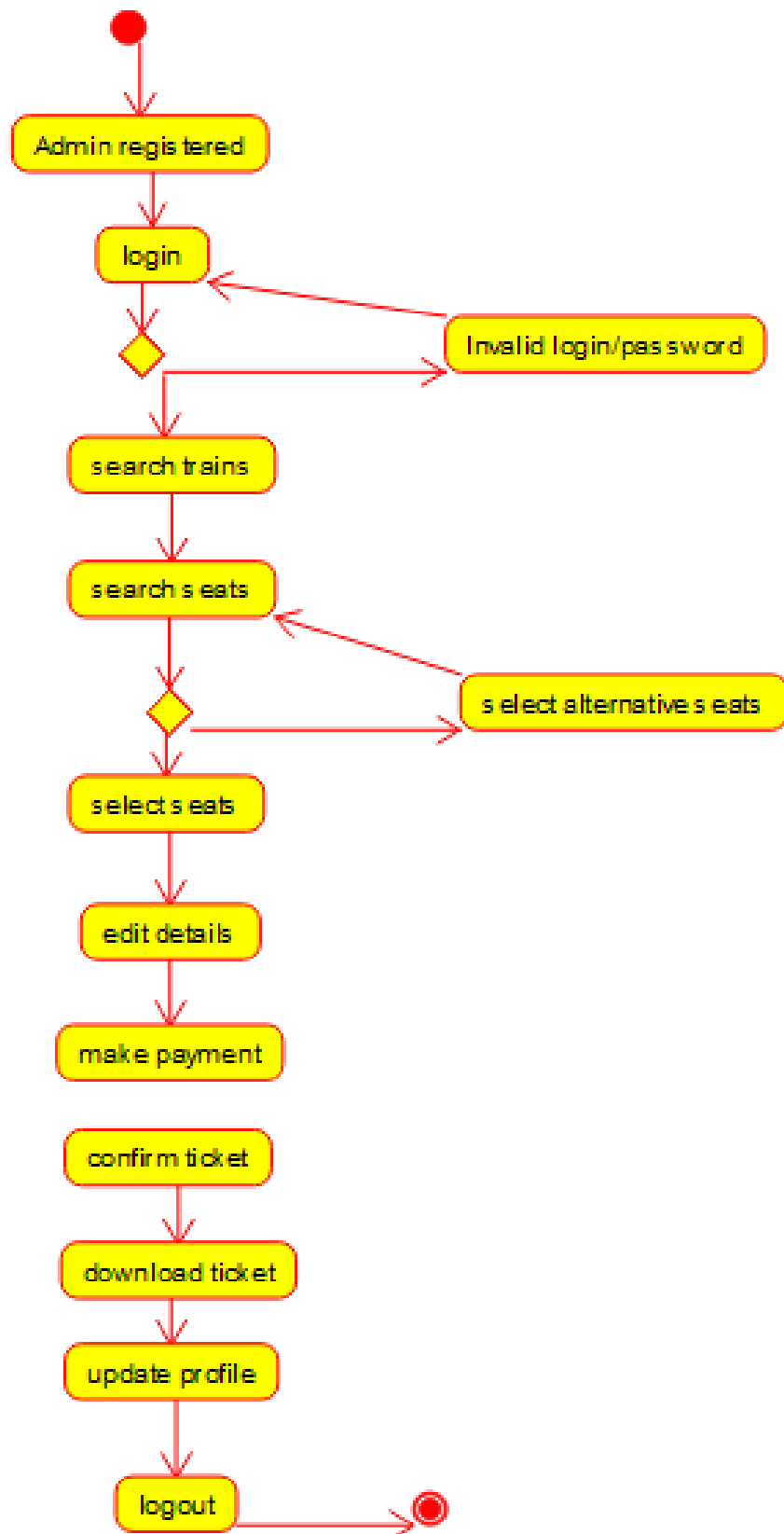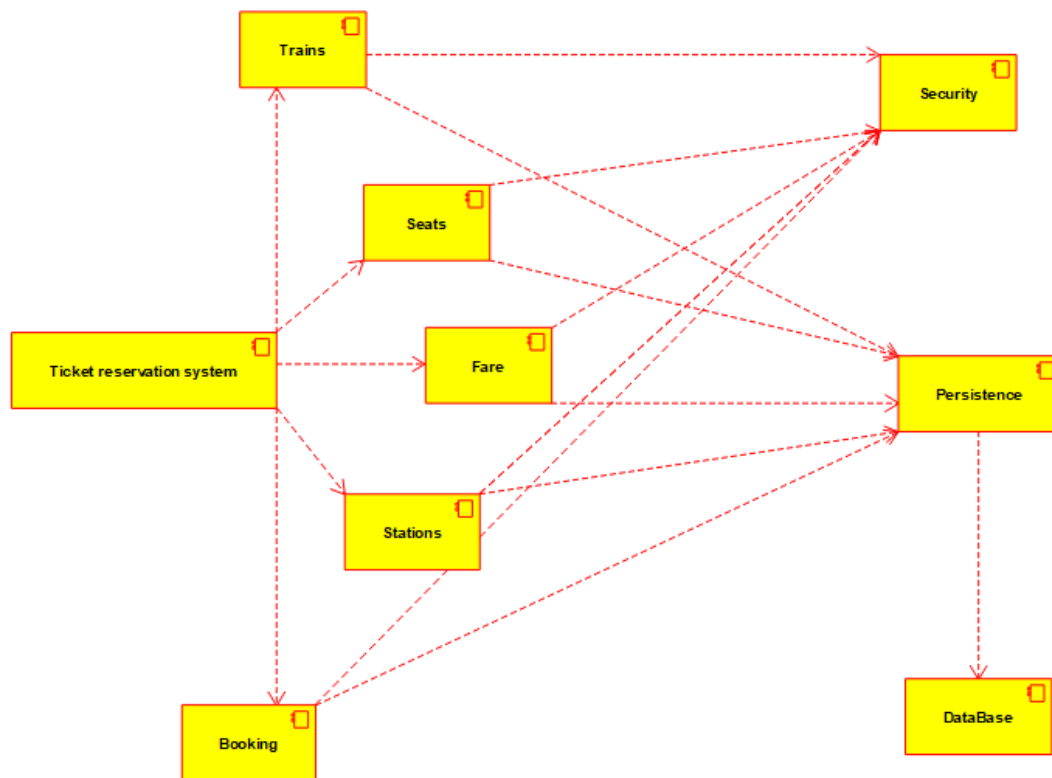## 4.STATE DIAGRAM

admin registered

user login

searh trains

book trains

select seats

add passenger details

make payment

confirm ticket

Download ticket

change password

update profile

logout

5.ACTIVITY DIAGRAM

```
                          ●
                          │
                          ▼
              ┌──────────────────────┐
              │   Admin registered   │
              └──────────────────────┘
                          │
                          ▼
                   ┌──────────┐
                   │  login   │◄──────────────┐
                   └──────────┘               │
                          │                   │
                          ▼                   │
                        ◇───────────────┐ ┌───────────────────────┐
                          │             └►│  Invalid login/password │
                          ▼               └───────────────────────┘
                 ┌────────────────┐
                 │  search trains │
                 └────────────────┘
                          │
                          ▼
                 ┌────────────────┐
                 │  search seats  │◄──────────────┐
                 └────────────────┘               │
                          │                       │
                          ▼                       │
                        ◇───────────────┐ ┌───────────────────────────┐
                          │             └►│  select alternative seats   │
                          ▼               └───────────────────────────┘
                 ┌────────────────┐
                 │  select seats  │
                 └────────────────┘
                          │
                          ▼
                 ┌────────────────┐
                 │  edit details  │
                 └────────────────┘
                          │
                          ▼
                 ┌────────────────┐
                 │  make payment  │
                 └────────────────┘
                          │
                          ▼
                 ┌────────────────┐
                 │ confirm ticket │
                 └────────────────┘
                          │
                          ▼
                 ┌────────────────┐
                 │ download ticket│
                 └────────────────┘
                          │
                          ▼
                 ┌────────────────┐
                 │ update profile │
                 └────────────────┘
                          │
                          ▼
                   ┌──────────┐
                   │  logout  │──────────► ◉
                   └──────────┘
```

6.COMPONENT DIAGRAM

7.DEPLOYMENT DIAGEAM