# **DBMS LAB 1**

### **GAURAV MAHAJAN**

## PES1UG20CS150

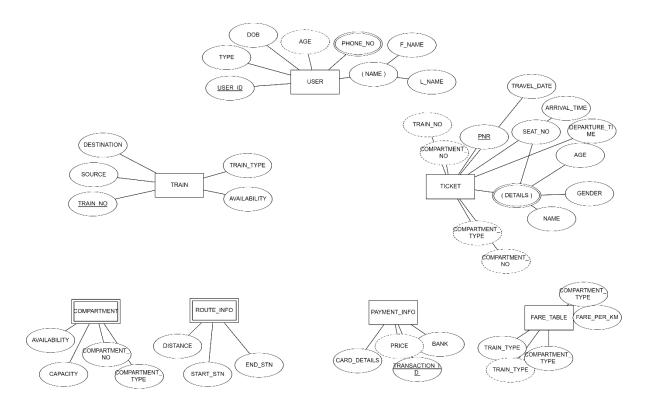
### **ASSUMPTIONS:**

TRAIN HAS N=5 COMPARTMENTS.

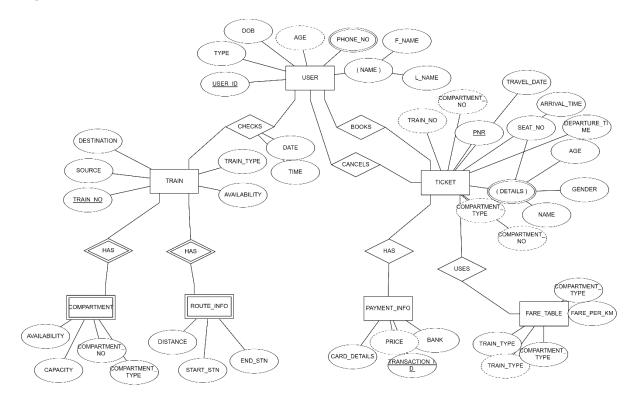
SEAT AVAILABILITY IS BOTH COMPARTMENT WISE AND ALSO TRAIN WISE WHEN THE USER CHECKS THE AVAILABILITY.

COST IS CALCULATED USING THE FARE TABLE ON A FARE PER KM CHARGE THUS ALLOWING USERS TO BOARD AND ALIGHT THE TRAIN ON THE STATION AS PER THEIR CONVENIENCE.

#### TASK A



#### TASK B



#### TASK C

