



PES UNIVERSITY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PROJECT TITLE

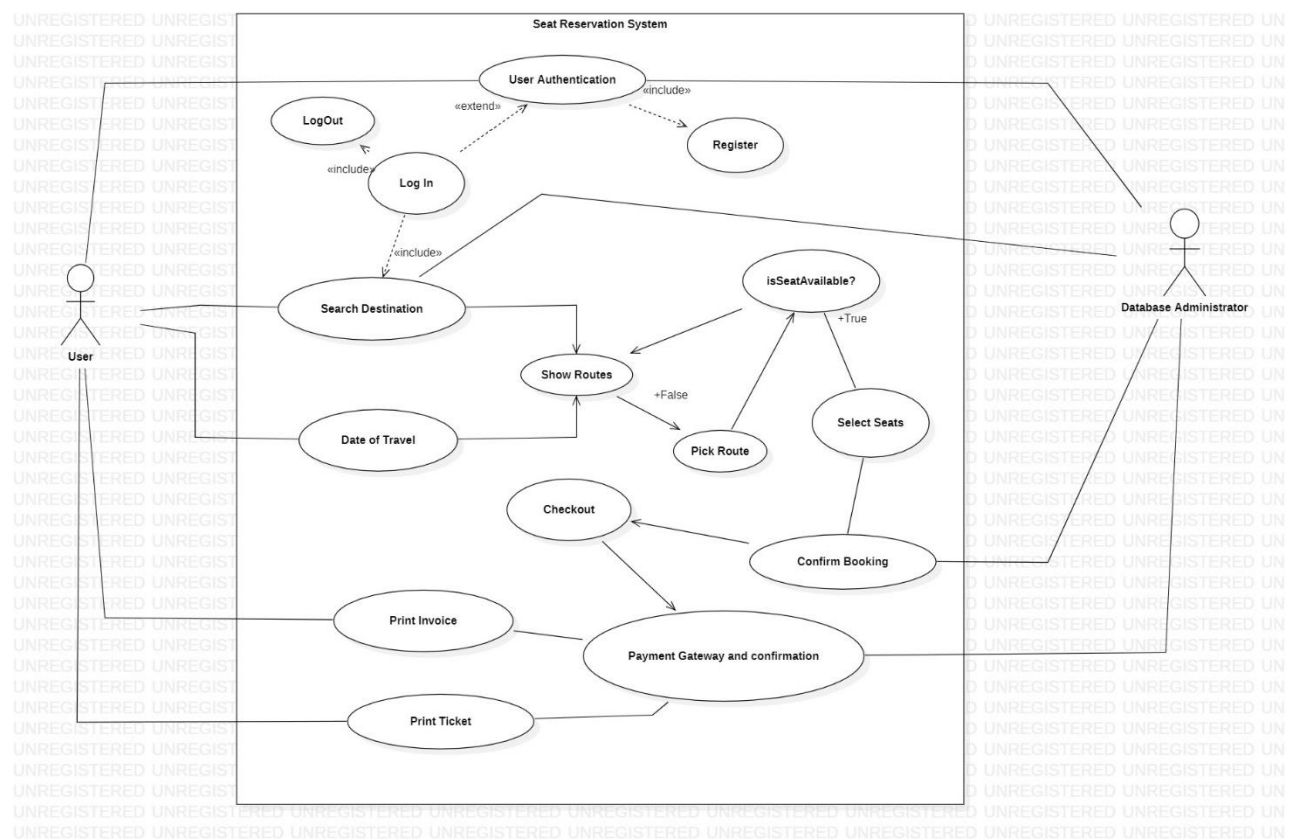
Seat Reservation System

Use Case and Class Diagrams

Course Title: Object Oriented Analysis and Design		
Course code: UE19CS353		
Semester : VI	Section: B	Team No: 6
SRN: PES2UG19CS108	Name: Dev Darshan J	
SRN: PES2UG19CS088	Name: BHARGAV NARAYANAN P	
SRN: PES2UG19CS130	Name: GOURAV ARAVINDA	

Use Case Diagram

We have 2 main actors that will be present. The user and the database administrator. The user is the person who will be booking the trains based on the routes and trains shown. The administrator is the person who will be adding routes, trains and stations. We have created the diagram considering user authentication and the features that are needed to reserve a seat on a train.



Class Diagram

We have considered 9 classes in total. We will be implementing classes for the following features

- 1) Stations
- 2) Destinations
- 3) Trains
- 4) Signup
- 5) Logout
- 6) Booking
- 7) User
- 8) Database Model
- 9) Database

