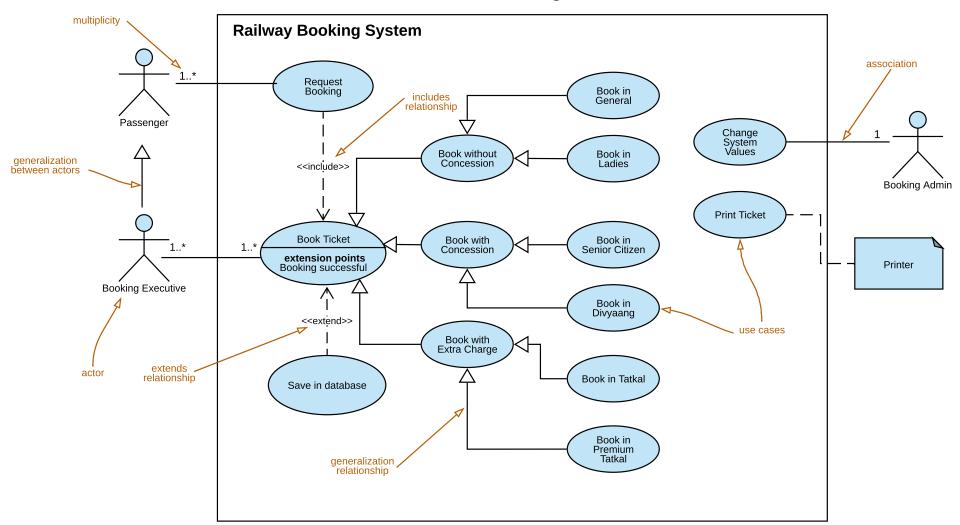
Railway Booking System

Software Engineering
Assignment 4

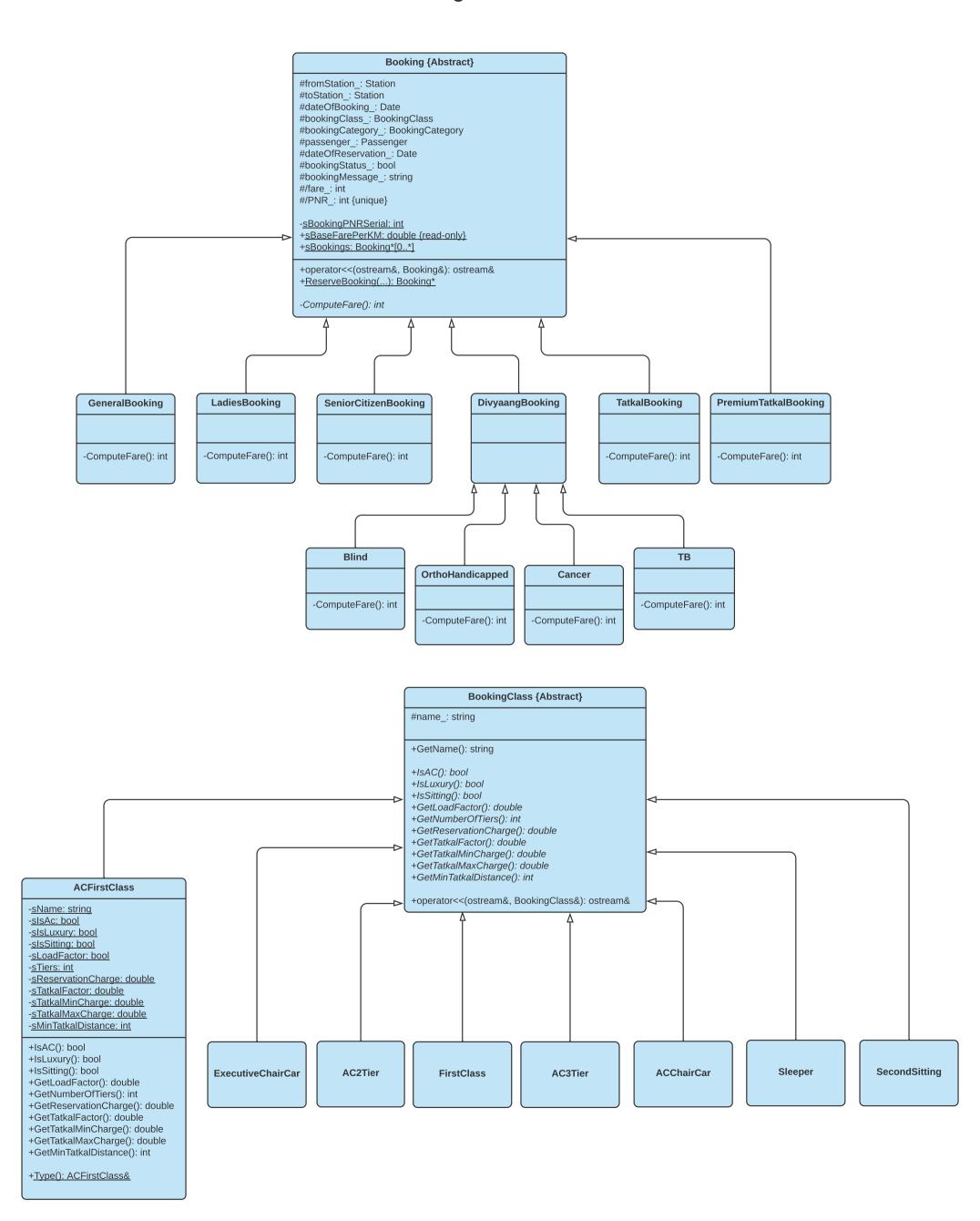
UML Diagrams

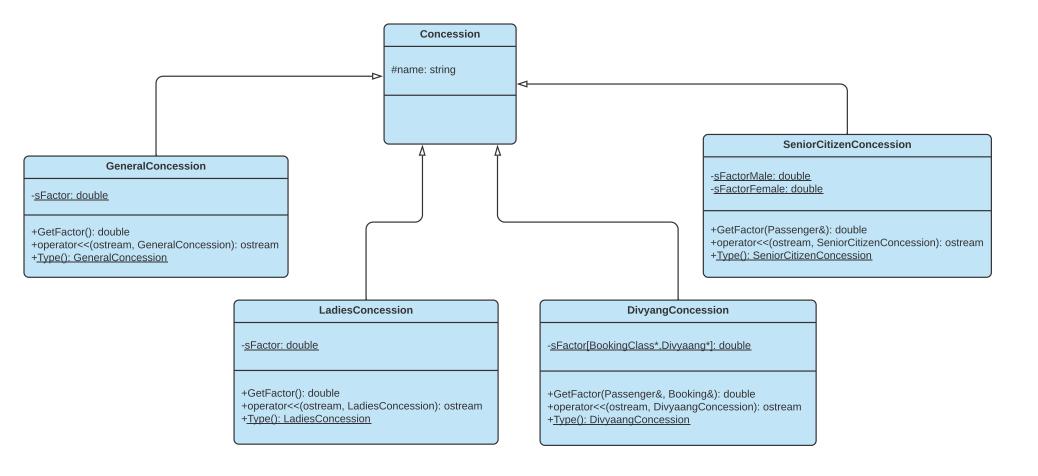
ASHUTOSH KUMAR SINGH
19CS30008

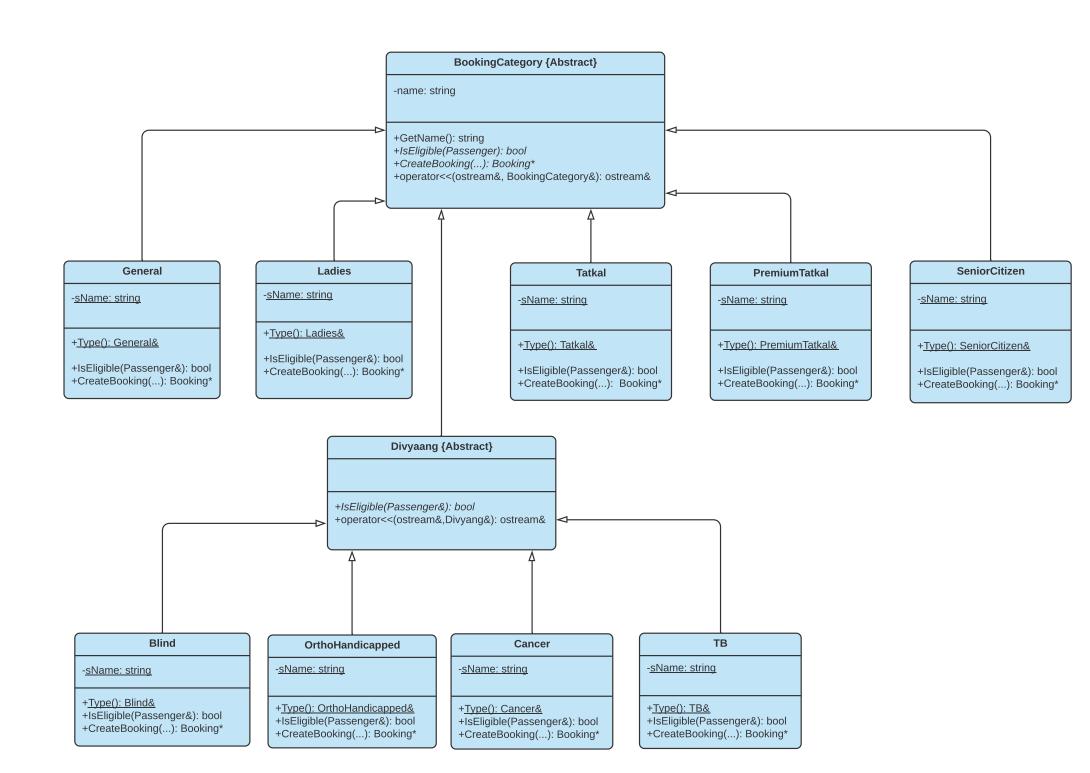
Use Case Diagram

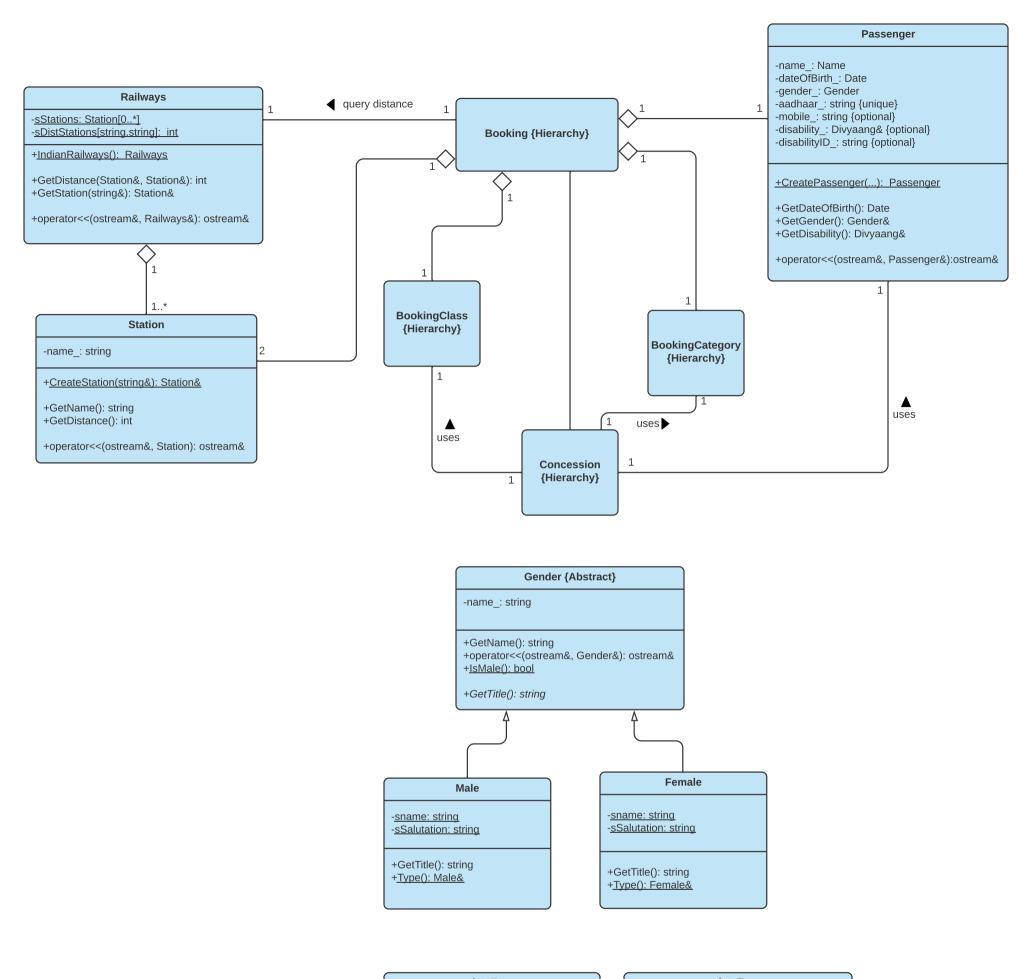


Class Diagram









<<dataType>> Date

- -date: int
- -month: enum
- -year: int
- -/day: enum

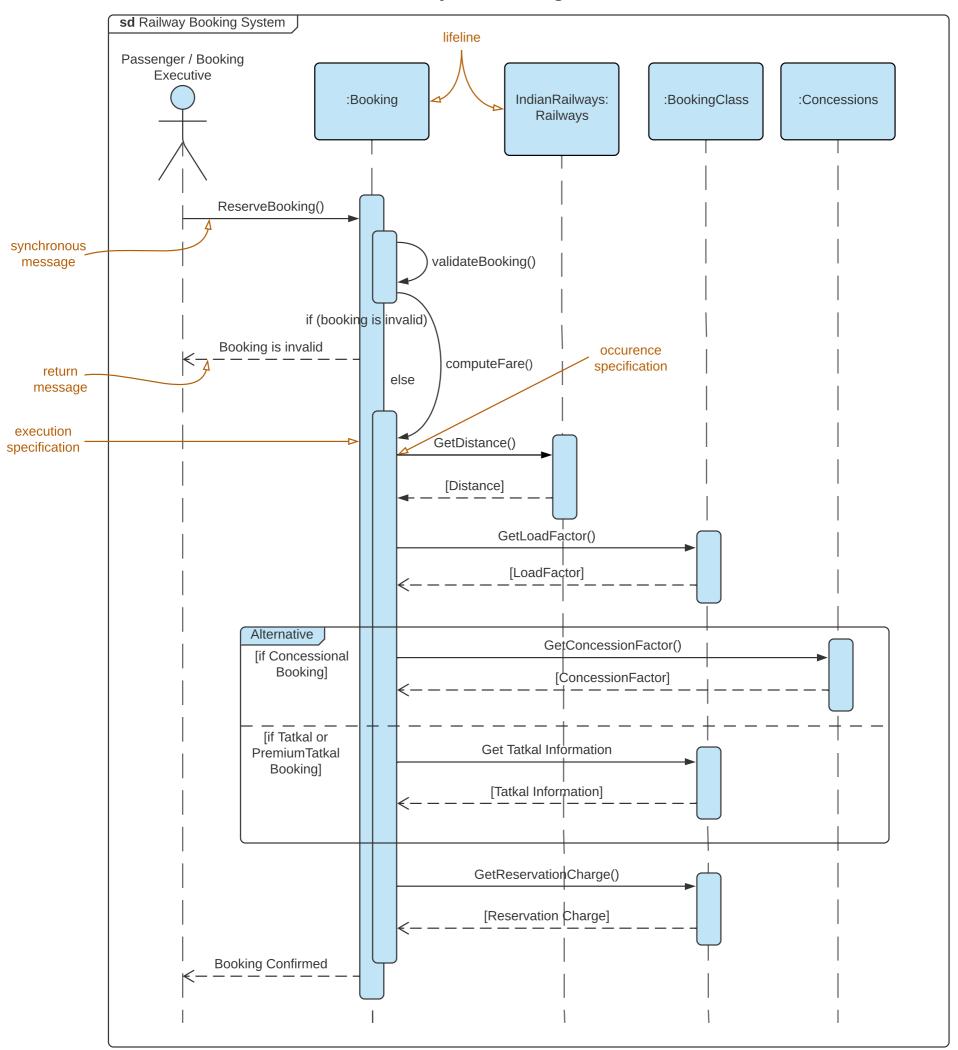
+CreateDate(string&): Date&

- +Day(): enum
- +Today(): Date
- +operator<<(ostream&, Date&): ostream&
- +operator<=(Date): bool,
- +operator==(Date): bool

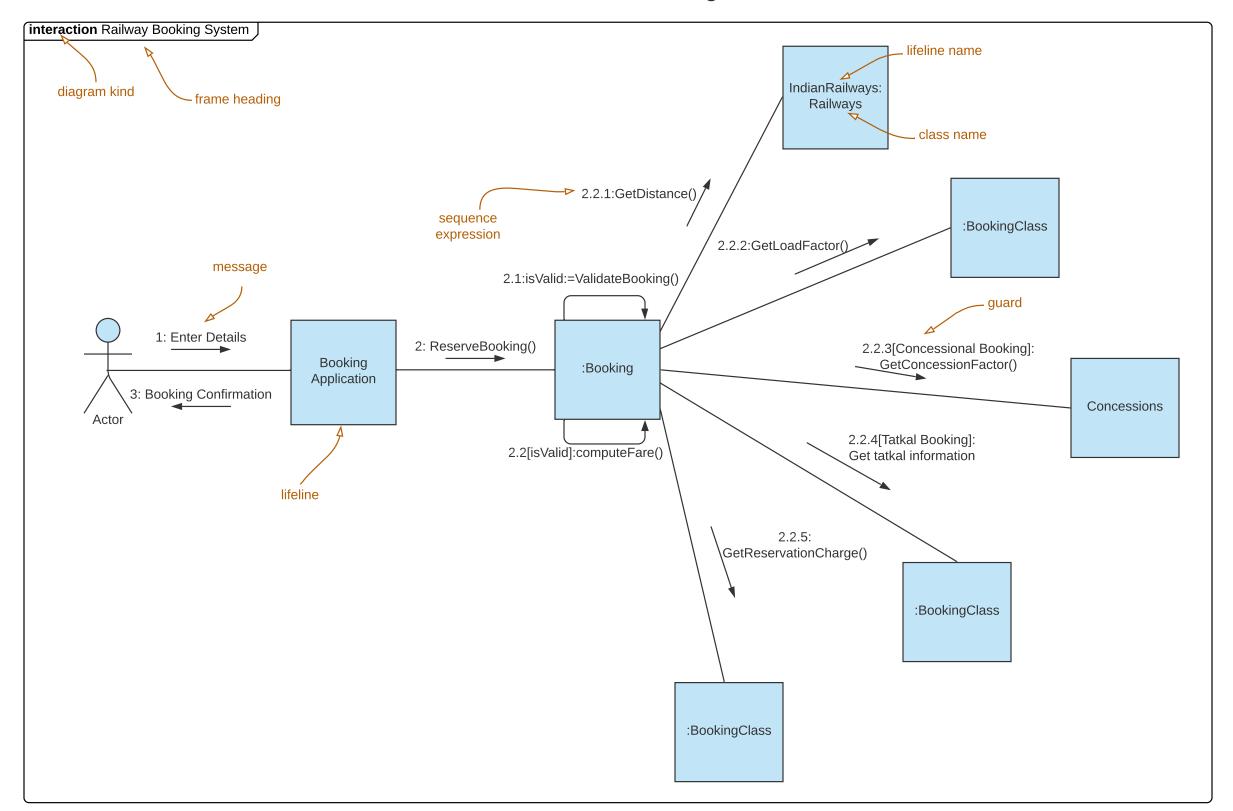
<<dataType>> Name

- -firstName: string
- -middleName: string {optional}
- -lastName: string
- +CreateName(string, string, string): Name
- +operator<<(ostream&, Name&): ostream&

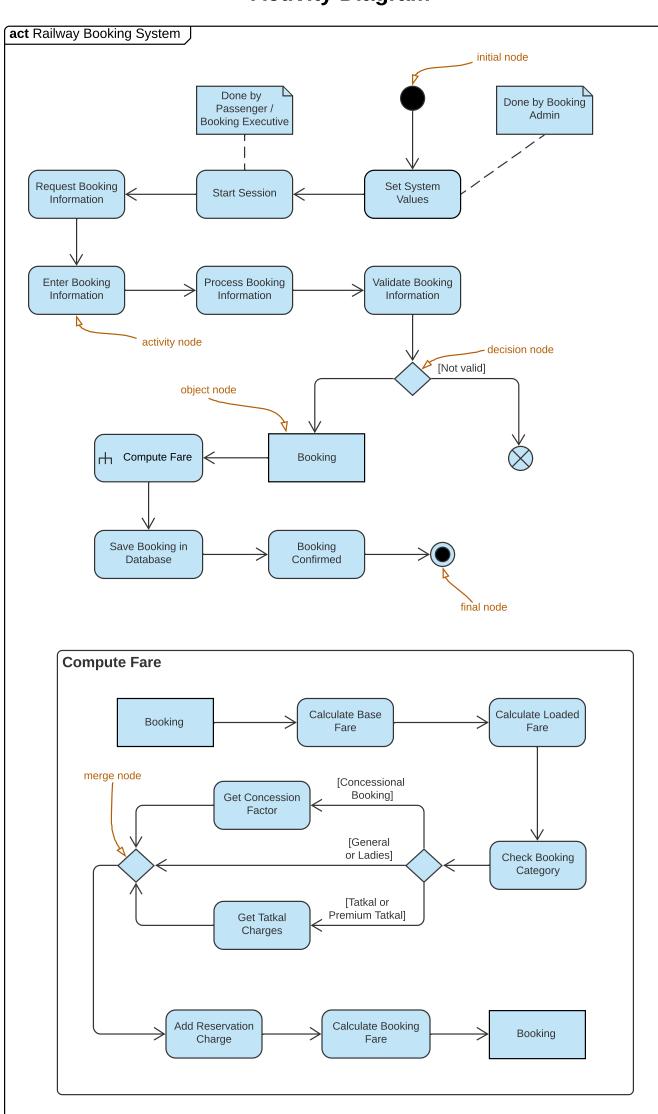
Sequence Diagram



Communication Diagram



Activity Diagram



State Machine Diagram

