

Name : Kunal Singh Roll No. : 19CS30025

## Passenger

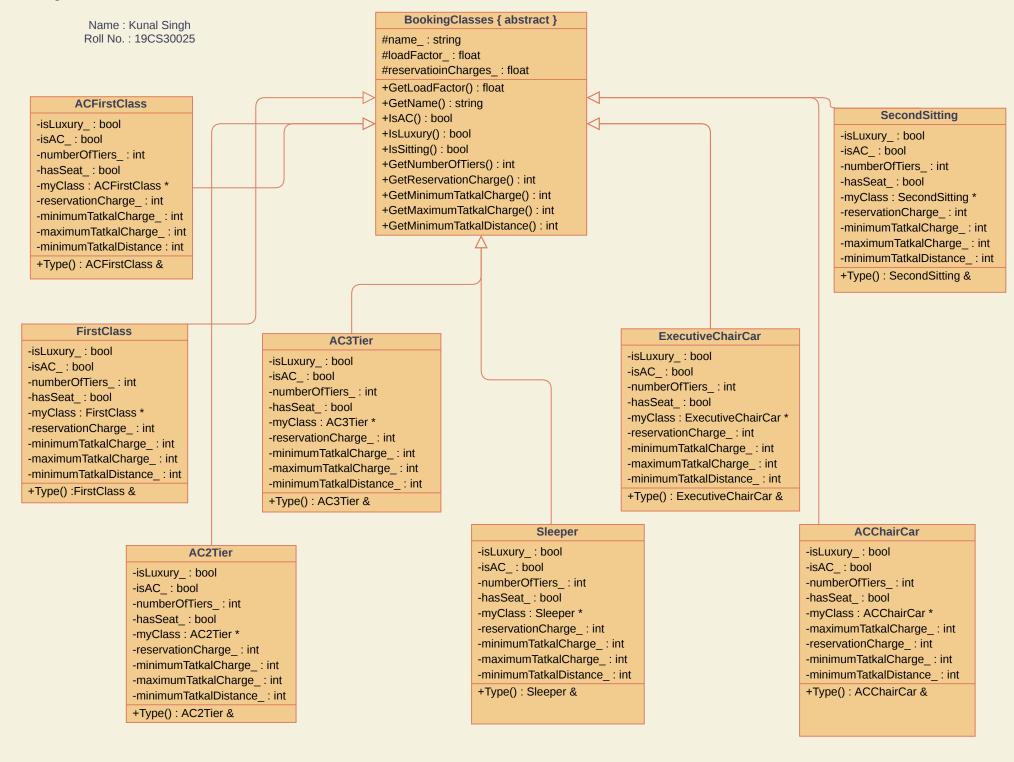
-firstName: string

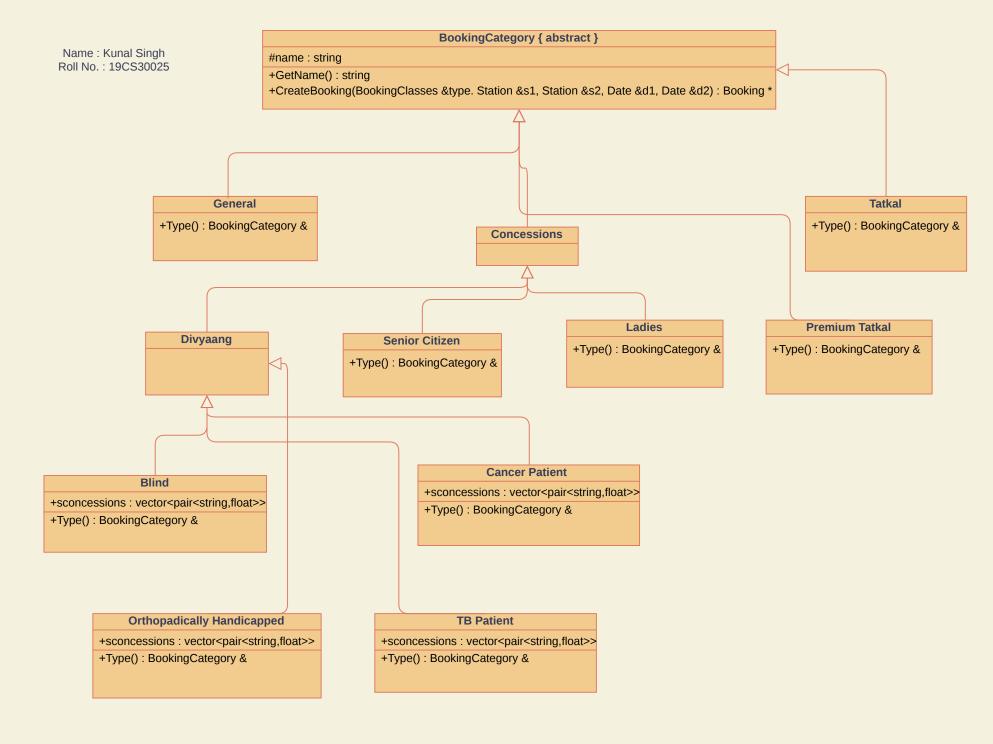
-middleName : string { optional }

-lastName : string -dateOfBirth : Date -gender : Gender -aadhar : string

-mobile : string { optional }
-disabilityType : string { optional }
-disabilityID : string { optional }

+CheckAadhar(string): bool +CheckName(): bool +CheckDateofBirth(): bool +Checkmobile(): bool +GetAadhar(): string +GetName(): string +Getgender(): Gender +GetMobile(): string +GetdisabilityId(): string +GetDisabilityType(): string





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## Station

-name\_: string

+getName() : string +getDistance() : int

## Date

-date\_ : unsigned int
-month\_ : enum
-year\_ : unsigned int

+monthNames\_: string[1..12] +dayNames\_: string[1..7]

+Print(): void

+CheckLeapYear(): bool +CalculateAge(Date &d): int +CheckSpanOfYear(Date &d): bool

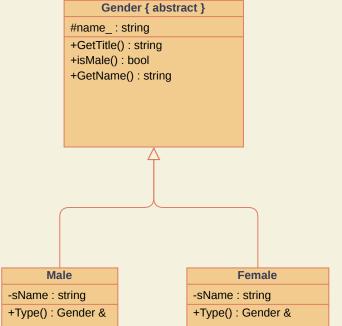
+CheckValidDate()

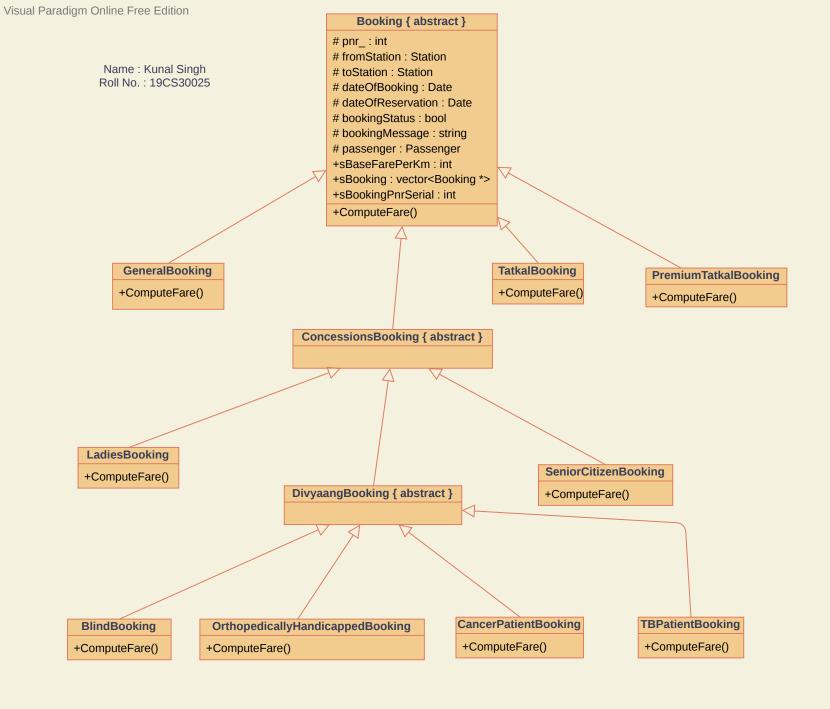
## Railways

-myrailways\_ : Railways \*
+sStations : vector<Station>

+sDistStations : vector<pair<Station,Station>,int>>

+GetDistance(Station &s1, Station &s2): int





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