

Passenger

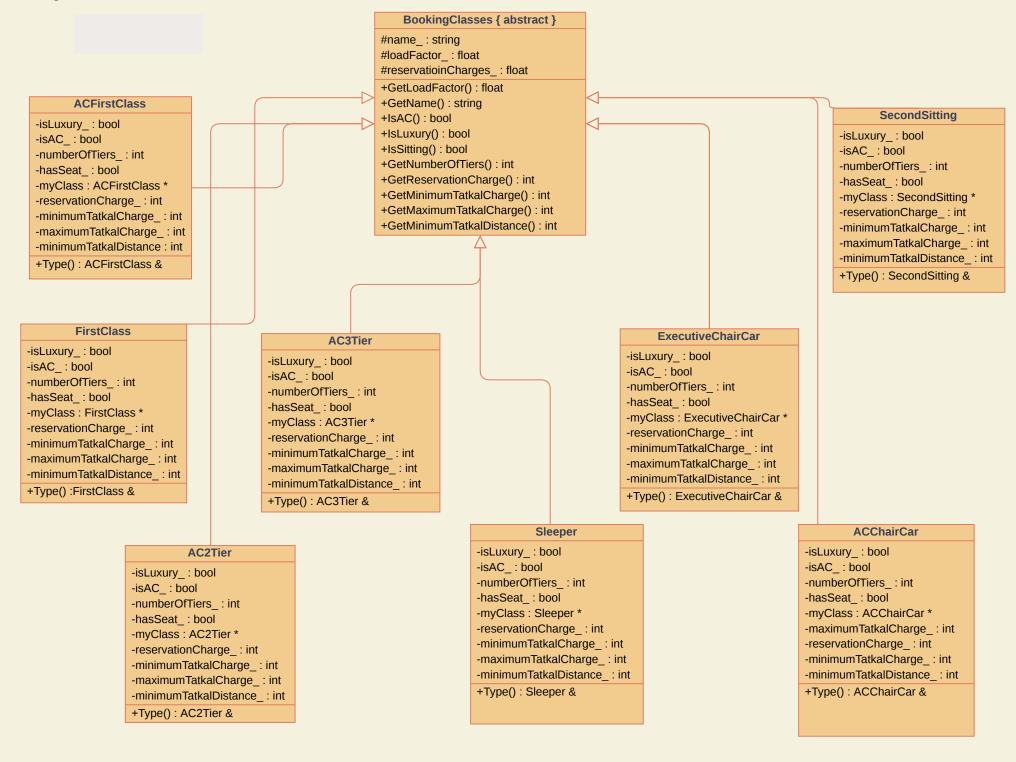
-firstName: string

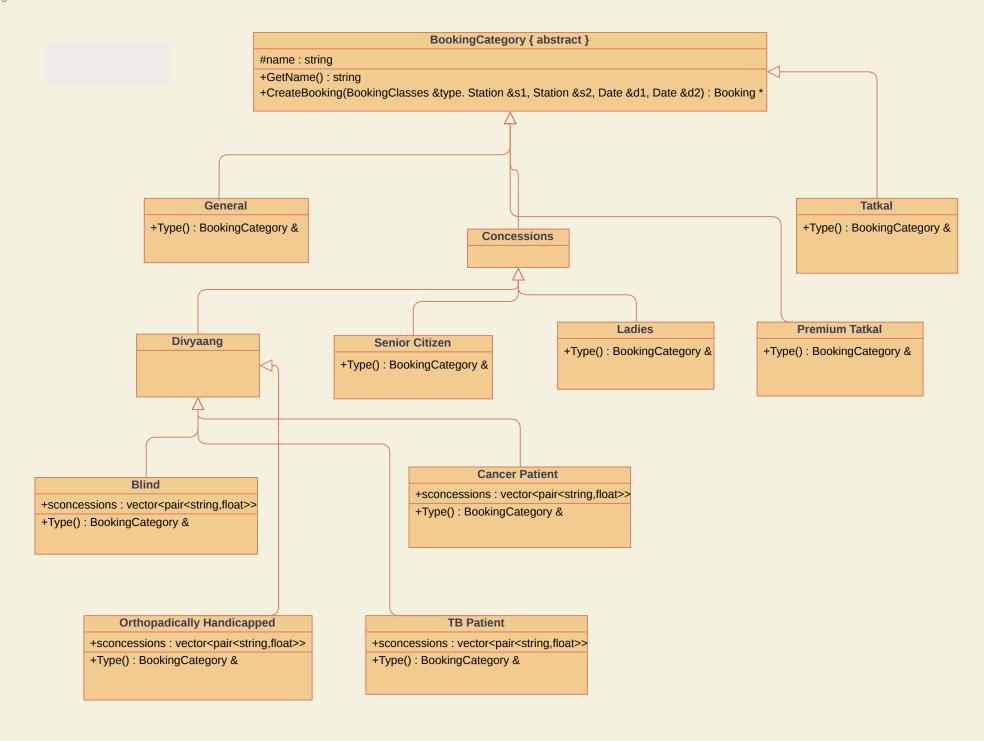
-middleName : string { optional }

-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





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

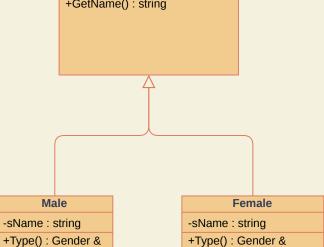
+CheckSpanOfYear(Date &d): bool

+CheckValidDate()

Gender { abstract }

#name_: string

+GetTitle(): string +isMale(): bool +GetName(): string



Railways

-myrailways_: Railways *
+sStations: vector<Station>

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

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

