Name : Suryam Arnav Kalra Roll No. : 19CS30050

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

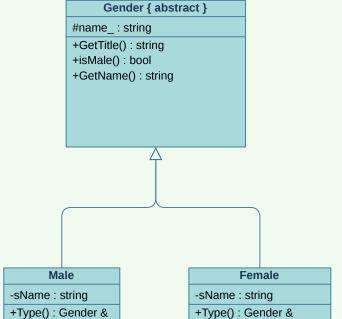
+CheckValidDate()

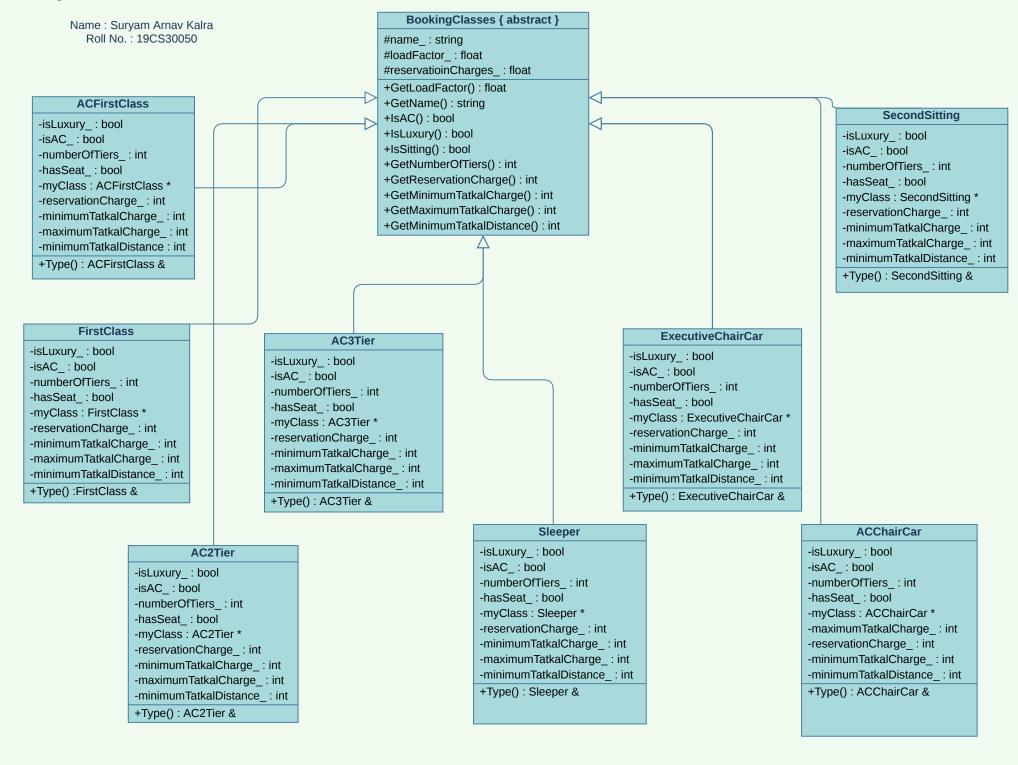
Railways

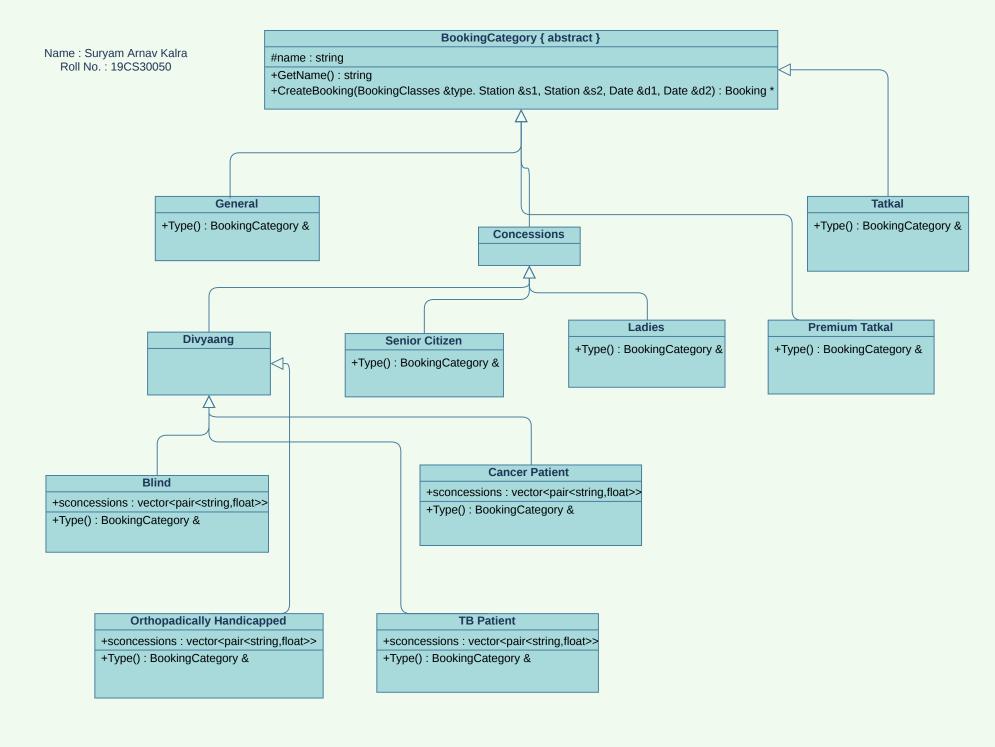
-myrailways_ : Railways *
+sStations : vector<Station>

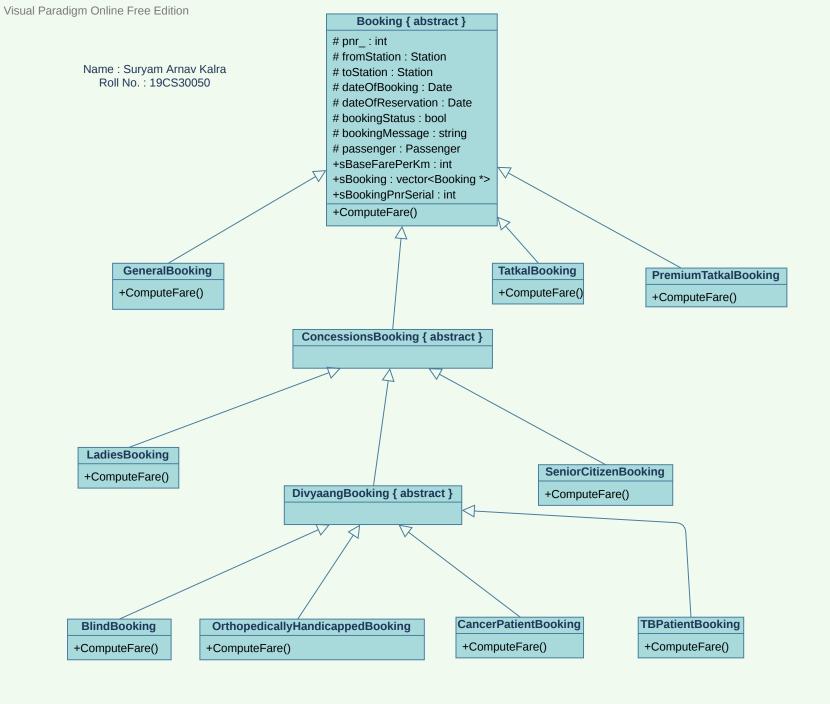
+sDistStations : vector<pair<Station,Station>,int>>

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









Name : Suryam Arnav Kalra Roll No. : 19CS30050

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 Name : Suryam Arnav Kalra Roll No. : 19CS30050

