Model::Main

Employee
- -id: int
- +getId(): int
- +setId(int): void
- +getNullEmployee(): Employee

AbstractPerson
- -names: String
- -lastNames: String
- -phoneNumbers: Array<String>
- +getNames(): String
- +setNames(String): void
- +getLastNames(): String
- +setLastNames(String): void
- +getPhoneNumbers(): Array<String>
- +setPhoneNumbers(Array): void
- +nullAbstractPerson(): void

Admin
- -id: int
- +getId(): int
- +setId(int): void
- +getNullAdmin(): Admin

Train
- -trainName: String
- -trainId: int
- -kilometers: int
- -loadingCapacity: int
- -brand: String
- +getTrainName(): String
- +getTrainId(): String
- +getKilometers(): int
- +getLoadingCapacity(): int
- +getBrand(): String
- +setTrainName(String): void
- +setTrainId(String): void
- +setKilometers(int): void
- +setLoadingCapacity(int): void
- +setBrand(String): void

Setup
- -wagons: int
- -numberOfCustomers: int
- -trainId: Train
- -trainBrand: Train
- -freightWagons: int
- +calculateWagons(): void
- +getWagons(): int
- +getNumberOfCustomers(): int
- +getTrainId(): int
- +getFreightWagons(): int
- +setWagons(int): void
- +setNumberOfCustomers(int): void
- +setTrainId(Train): void
- +setTrainBrand(Train): void
- +setFreightWagons(int): void

+1.1

ContactPerson

User
- -person: AbstractPerson
- -userName String
- -password: String
- +getPerson(): AbstractPerson
- +setPerson(AbstractPerson): void
- +getUserName(): String
- +setUserName(String): void
- +getPassword(): String
- +setPassword(String): void
- +getNullUser(): User

Customer
- -luggages: Array<Luggage>
- -id: int
- -contact: ContactPerson
- +getLuggages(): Array<Luggage>
- +setLuggage(Luggage): void
- +getContact(): ContactPerson
- +setContact(ContactPerson): void
- +getId(): int
- +setId(int): void

Luggage
- -id: int
- -weight: float
- -wagonId: int
- +getId(): int
- +setId(int): void
- +getWeight(): float
- +setWeight(float): void
- +getWagonId(): int
- +setWagonId(int): void

+1..

+1.1

«enum»
CategoryEnum
- +PREMIUN
- +EXECUTIVE
- +STANDAR

Ticket
- -customer: Customer
- -id: int
- -purchaseDate: String
- -boardingDate: String
- -trainId: int
- -value: float
- -arriveDate: String
- -boardingHour: String
- -arriveHour: String
- -customerCategory: CustomerCategory
- -station: List<Station>
- +print(): void
- +getCustomer(): Customer
- +setCustomer(Customer): void
- +getId(): int
- +setId(value: int)
- +getPurchaseDate(): String
- +setPurchaseDate(value: String)
- +getBoardingDate(): String
- +setBoardingDate(value: String)
- +getTrainId(): int
- +setTrainId(value: int)
- +getValue(): float
- +setValue(value: float)
- +getArriveDate(): String
- +setArriveDate(value: String)
- +getBoardingHour(): String
- +setBoardingHour(value: String)
- +getArriveHour(): String
- +setArriveHour(value: String)
- +getCustomerCategory(): CustomerCategory
- +setCustomerCategory(value: CustomerCategory)

Station
- -stationName: String
- -cityStation: String
- +searchStation(String): Station
- +getStationName(): String
- +getCityStation(): String
- +setStationName(String): void
- +setCityStation(String): void

+1.1