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| Name: Charging Station |
| Attribute:  - chager\_id: int  - location: string  - capacity: int  -availableports-int |
| Operations :  + getcharger\_id(): int  + getlocation(): string  + getcapacity(): int  +getavailableports-int  + setchargerId(id: int): void  + setlocation(name: string): void  + setcapacity(info: int): void  +setavailableports(info:int)-int  + toString(): string |
| User | |
| Attributes:  - user\_id: int  - name: string  - email: string  -phone:long | |
| Operations:  + getuserId(): int  + getName(): string  + getemail(): string  + getphone(): long  + setuserId(id: int): void  + setName(name: string): void  + setemail(desc: string): void  + setphone(phone: long): void  + toString(): string | |

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| --- |
| Vehicle |
| Attributes:  - vehicle\_id: int  - name: string  - battery\_capacity: int  -currentcharge: int  - location: string |
| Operations:  + getvehicleId(): int  + getname(): string  + getbattery\_capacity(): int  + getcurrentcharge(): int  +location():string  + setvehicleId(id: int): void  + setname(name: int): void  + setbattery\_capacity(id: int): void  + setcurrentcharge(currentcharge: int): void  +setlocation(location:string):void  + toString(): string |

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| Customer |
| Attributes:  - customer\_id: int  - name: string  - contact\_info: string |
| Operations:  + getCustomerId(): int  + getName(): string  + getContactInfo(): string  + setCustomerId(id: int): void  + setName(name: string): void  + setContactInfo(info: string): void  + toString(): string |

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| Invoice |
| Attributes:  - invoice\_id: int  - order\_id: int  - amount: float  - date: int |
| Operations:  + getInvoiceId(): int  + getOrderId(): int  + getAmount(): float  + getDate(): int  + setInvoiceId(id: int): void  + setOrderId(id: int): void  + setAmount(amount: float): void  + setDate(date: int): void  + toString(): string |

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| --- |
| chargingport |
| Attributes:  - port\_id: int  -chargingeed:int  - status: string |
| + getportId(): int  + getchargingeed(): int  + gestatus(): string  + setportId(id: int): void  + setchargingspeed(id: int): void  + setStatus(status: string): void  + toString(): string |

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| --- |
| Payment |
| Attributes:  - payment\_id: int  - session\_id: int  - date: int  -amount : int  -paymentmethod : string  - reason: string |
| + getpayment\_Id(): int  + getsesionId(): int  + getDate(): int  + getamount(): int  +getpaymentmethod():string  + setpaymentId(id: int): void  + setsessionId(id: int): void  + setDate(date: int): void  + setpaymentmethod(paymentmethod: string): void|  +setamount(amount,int):void  + toString(): string |