

- customers: ArrayList<Customer>
- path: String
- + load(String):
- + update(String):
- + getCustomers(): ArrayList<Customer> + setCustomers(ArrayList<Customer>):
- + getPath(): String
- + setPath(String):

AdminForCustomer

- maintain: MaintainCustomers
- + AdminForCustomer():
- + add(String,String,String,String,String,String):
- + getMaintain(): Maintain
- + remove(String):
- + login(String,String): Officer

MaintainParkingSpace

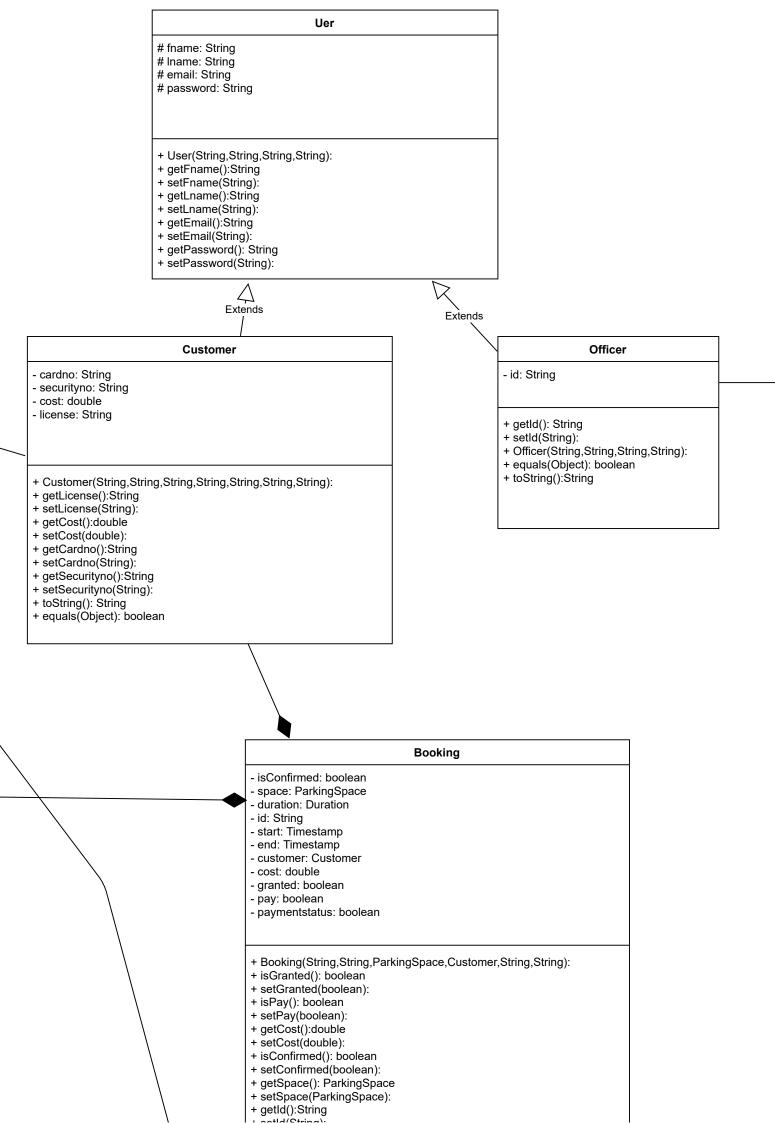
- parkingSpaces: ArrayList<ParkingSpace>
- path: String
- + load(String):
- + update(String):
- + getParkingSpaces(): ArrayList<ParkingSpace>
- + setParkingSpaces(ArrayList<ParkingSpace>):
- + getPath(): String
- + setPath(String):

ParkingSpace

- address: String
- number: String
- hourlyprice: double
- + getAddress(): String + setAddress(String):
- + getNumber(): String
- + setNumber(double):
- + getHourlyprice(): double
- + setHourlyprice(double): + toString():String
- + equals(Object): boolean
- + expires(Timestamp): boolean
- + ParkingSpace(String,String,String)

AdminForParkingSpace

- maintain: MaintainParkingSpace





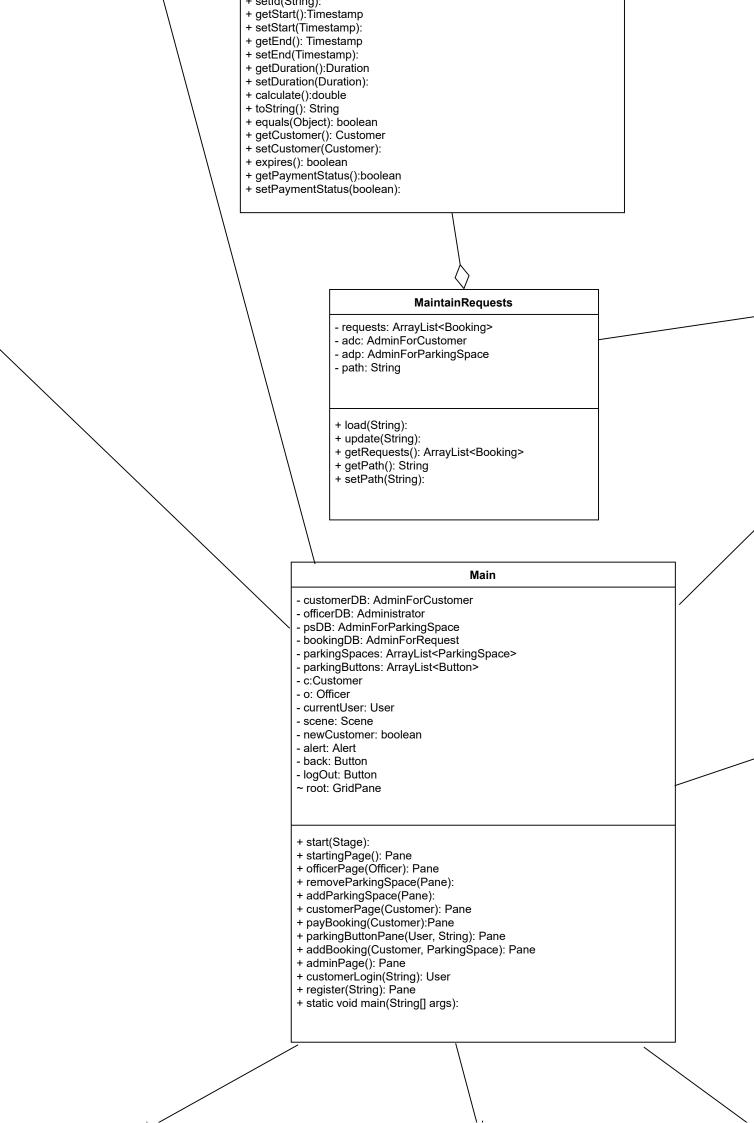
- Officers: ArrayList<Officer>
- path: String

- + load(String): + update(String): + getOfficers(): ArrayList<Officer> + setOfficers(ArrayList<Officer>): + getPath(): String + setPath(String):

Administrator

- maintain: MaintainOfficers
- maintainBooking: MaintainRequests
- + Administrator(): + add(String,String,String,String): + remove(String): + login(String,String): Officer + changePaymentStatus(String):

+ AdminForParkingSpace(): + maintiain: MaintainParkingSpace + add(String,String,String): + view(): ArrayList<ParkingSpace> + getMaintain(): MaintainParkingSpace + remove(String,String): boolean



AdminForRequest

maintain: MaintainRequests

- AdminForRequest():
- AdminForRequest():
 maintiain: MaintainParkingSpace
 add(String,String,Customer,ParkingSpace): boolean
 granted(String): boolean
 remove(String): boolean
 pay(String,String,String): double
 getCost(String): double
 view(Customer): ArrayList<Booking>
 view(ParkingSpace): ArrayList<Booking>
 view():ArrayList<Booking>

- addnewtime(String,String,Map<Timestamp,Timestamp>): boolean isOccupied(String,String,Map<Timestamp,Timestamp>): boolean isGood(Timestamp,Timestamp): boolean

- expires(Timestamp): boolean
- getMaintain(): MaintainParkingSpace remove(String,String): boolean

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ateParkingSpaceException():

Invalid Login Exception

+ InvalidLoginException():

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