## <<Interface>> IUserService

- + add(UserDTO): UserDTO
- + update(UserDTO): UserDTO
- + delete(UserDTO): void
- + findAll(void): List<UserDTO>
- + findByld(String): UserDTO
- + findByLastName(String): List<UserDTO>
- + findByPhone(String): UserDTO
- + findByAccount(AccountDTO): UserDTO

#### UserService

- userRepository: UserRepository

## <<Interface>> IAccountService

- + add(AccountDTO): AccountDTO
- + update(AccountDTO): AccountDTO
- + delete(AccountDTO): void
- + findAll(void): List<AccountDTO>
- + findById(String): AccountDTO
- + findByUsername(String): AccountDTO
- + findAdmin(void): List<AccountDTO>
- + findBanned(void): List<AccountDTO>
- + findDeleted(void): List<AccountDTO>

### AccountService

accountRepository: AccountRepository

## <<Interface>> IVehicleService

- + add(VehicleDTO): VehicleDTO
- + update(VehicleDTO): VehicleDTO
- + delete(VehicleDTO): void
- + findAll(void): List<VehicleDTO>
- + findByld(String): VehicleDTO

### VehicleService

- vehicleRepository: VehicleRepository

#### ervice

## <<Interface>> ITollService

### + add(TollDTO): TollDTO

- + update(TolIDTO): TolIDTO
- + delete(TolIDTO): void
- + findAll(void): List<TollDTO>
- + findByld(String): TollDTO

### TollService

- tollRepository: TollRepository

# <<Interface>> IWayPointService

- + add(WayPointDTO): WayPointDTO
- + update(WayPointDTO): WayPointDTO
- + delete(WayPointDTO): void
- + findAll(void): List<WayPointDTO>
- + findByld(String): WayPointDTO
- + findByDistrict(String): List<WayPointDTO>
- + findByTown(String):: List<WayPointDTO>
- + findByPostCode(String): List<WayPointDTO>

### WayPointService

- wayPointRepository: WayPointRepository

## <<Interface>> IRunPriceService

- + add(RunPriceDTO): RunPriceDTO
- + update(RunPriceDTO): RunPriceDTO
- + delete(RunPriceDTO): void
- + findAll(void): List<RunPriceDTO>
- + findByld(String): RunPriceDTO
- + findByPower(int): RunPriceDTO

### RunPriceService

- runPriceRepository: RunPriceRepository

# <<Interface>> IRunService

- + add(RunDTO): RunDTO
- + update(RunDTO): RunDTO
- + delete(RunDTO): void
- + findAll(void): List<RunDTO>
- + findByld(String): RunDTO
- + findByDriver(UserDTO): List<RunDTO>
- + findByWayPoint(WayPOintDTO): List<RunDTO>
- + findByPassenger(PassengerDTO): List<RunDTO>
- + findByToll(TollDTO) List<RunDTO>

### RunService

- runRepository: RunRepository

### + findByld(String): PassengerDTO + findByUser(UserDTO): PassengerDTO

<<Interface>>

**IPassengerService** 

+ add(PassengerDTO): PassengerDTO

+ findAll(void): List<PassengerDTO>

+ delete(PassengerDTO): void

+ update(PassengerDTO): PassengerDTO

PassengerService
- PassengerRepository: PassengerRepository

## <<interface>> ITransactionService

- + add(TransactionDTO): TransactionDTO
- + update(TransactionDTO): TransactionDTO
- + delete(TransactionDTO): void
- + findAll(void): List<TransactionDTO>
- + findByld(int): TransactionDTO
- + findByTransactionNumber(String): TransactionDTO
- + findByTransactionDate(DateTime): List<TransactionDTO>
- + findBySenderId(int): Llst<TransactionDTO>
- + findByReceiver(int): List<TransactionDTO>
- + findByState(TxSTate): List<TransactionDTO>

### **TransactionService**

- transactionRepository: TransactionRepository