Service / WebService

<<Interface>>
IUserService

+ add(UserDTO): UserDTO
+ update(UserDTO): UserDTO
+ delete(UserDTO): void
+ bannish(UserDTO): void
+ findAll(void): List<UserDTO>
+ findById(int): UserDTO
+ findByName(String): List<UserDTO>
+ findByPhone(String): UserDTO
+ findByAccount(AccountDTO): UserDTO

UserService

- userRepository: UserRepository

<<Interface>>
IAccountService

+ add(AccountDTO): AccountDTO
+ update(AccountDTO): AccountDTO
+ delete(AccountDTO): void
+ bannish(AccountDTO): void
+ findAll(void): List<AccountDTO>
+ findById(int): AccountDTO
+ findByUsername(String): List<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>
+ findById(int): VehicleDTO

VehicleService

- vehicleRepository: VehicleRepository

<<Interface>>
ITollService

+ add(TollDTO): TollDTO
+ update(TollDTO): TollDTO
+ delete(TollDTO): void
+ findAll(void): List<TollDTO>
+ findById(int): TollDTO

TollService

- tollRepository: TollRepository

<<Interface>>
IWayPointService

+ add(WayPointDTO): WayPointDTO
+ update(WayPointDTO): WayPointDTO
+ delete(WayPointDTO): void
+ findAll(void): List<WayPointDTO>
+ findById(int): WayPointDTO
+ findByAdress(AdressDTO): List<WayPointDTO>

WayPointService

- wayPointRepository: WayPointRepository

<<Interface>>
IPassengerService

+ add(PassengerDTO): PassengerDTO
+ update(PassengerDTO): PassengerDTO
+ delete(PassengerDTO): void
+ findAll(void): List<PassengerDTO>
+ findById(int): PassengerDTO
+ findByUser(UserDTO): PassengerDTO

PassengerService

- PassengerRepository: PassengerRepository

<<Interface>>
IRunService

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

RunService

- runRepository: RunRepository

<<Interface>>
IAdressService

+ add(AdressDTO): AdressDTO
+ update(AdressDTO): AdressDTO
+ delete(AdressDTO): void
+ findAll(void): List<AdressDTO>
+ findById(int): AdressDTO
+ findByTown(String): List<AdressDTO>
+ findByPostCode(String): List<AdressDTO>
+ findByLatLong(double, double): List<AdressDTO>

AdressService

- adressRepository: AdressRepository

<<Interface>>
IRunPriceService

+ add(RunPriceDTO): RunPriceDTO
+ update(RunPriceDTO): RunPriceDTO
+ delete(RunPriceDTO): void
+ findAll(void): List<RunPriceDTO>
+ findById(int): RunPriceDTO
+ findByPower(int): RunPriceDTO

RunPriceService

- runPriceRepository: RunPriceRepository

<<Interface>>
ITransactionService

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

TransactionService

- transactionRepository: TransactionRepository