

<<Interface>>
IImageStorageService

+ store(InputStream, String, String, DBObject): String
 + getById(String): GridFSDBFile
 + getByFilename(String): GridFSDBFile
 + findAll(void): List<GridFSDBFile>



ImageStorageService

- imageStorageRepository: IImageStorageRepository

<<Interface>>
IAccountService

+ addOrUpdate(AccountDTO): AccountDTO
 + delete(String id): void
 + findAll(void): List<AccountDTO>
 + findById(String): AccountDTO
 + findByUsername(String): AccountDTO
 + findByRole(String): List<AccountDTO>
 + findBanned(void): List<AccountDTO>
 + findDeleted(void): List<AccountDTO>



AccountService

- accountRepository: AccountRepository

<<Interface>>
IMessageService

+ addOrUpdate(MessageDTO): MessageDTO
 + delete(String): void
 + findAll(void): List<MessageDTO>
 + findById(String): MessageDTO
 + findByHoroLessThanEqual(LocalDateTime): List<MessageDTO>
 + findByHoroGreaterThanEqual(LocalDateTime): List<MessageDTO>
 + findByHoroBetween(LocalDateTime, LocalDateTime): List<MessageDTO>
 + findBySenderId(String): List<MessageDTO>
 + findBySenderIdAndHoroLessThanEqual(String, LocalDateTime): List<MessageDTO>
 + findBySenderIdAndHoroGreaterThanEqual(String, LocalDateTime): List<MessageDTO>
 + findBySenderIdAndHoroBetween(String, LocalDateTime, LocalDateTime): List<MessageDTO>
 + findByReceiverId(String): List<MessageDTO>
 + findByReceiverIdAndHoroLessThanEqual(String, LocalDateTime): List<MessageDTO>
 + findByReceiverIdAndHoroGreaterThanEqual(String, LocalDateTime): List<MessageDTO>
 + findByReceiverIdAndHoroBetween(String, LocalDateTime, LocalDateTime): List<MessageDTO>
 + findBySenderIdAndReceiverId(String, String): List<MessageDTO>
 + findBySenderIdAndReceiverIdAndHoroLessThanEqual(String, String, LocalDateTime): List<MessageDTO>
 + findBySenderIdAndReceiverIdAndHoroGreaterThanEqual(String, String, LocalDateTime): List<MessageDTO>
 + findBySenderIdAndReceiverIdAndHoroBetween(String, String, LocalDateTime, LocalDateTime): List<MessageDTO>



MessageService

- messageRepository: MessageRepository

<<Interface>>
IRunService

+ addOrUpdate(RunDTO): RunDTO
 + delete(String): void
 + findAll(void): List<RunDTO>
 + findById(String): RunDTO
 + findByDriverId(String): List<RunDTO>
 + findNotCancelledByDriverId(String): List<RunDTO>
 + findByPassengerId(String): List<RunDTO>
 + findNotCancelledByPassengerId(String): List<RunDTO>
 + findByUserId(String): List<RunDTO>
 + findNotCancelledByUserId(String): List<RunDTO>
 + findCurrentByUserId(String): List<RunDTO>
 + findCurrentNotCancelledByUserId(String): List<RunDTO>
 + findPassedByUserId(String): List<RunDTO>
 + findPassedNotCancelledByUserId(String): List<RunDTO>
 + find(String, String, Date, String, String): List<RunDTO>

RunService

- runRepository: RunRepository

<<Interface>>
IAddressService

+ addOrUpdate(AddressDTO): AddressDTO
 + delete(String): void
 + findAll(void): List<AddressDTO>
 + findById(String): AddressDTO
 + findByTown(String): List<AddressDTO>
 + findByTownAndDistrict(String, String): AddressDTO

AddressService

- addressRepository: AddressRepository

<<Interface>>
IUserService

+ addOrUpdate(UserDTO): UserDTO
 + delete(String): void
 + findAll(void): List<UserDTO>
 + findById(String): UserDTO
 + findByLastName(String): List<UserDTO>
 + findByAccount(AccountDTO): UserDTO
 + findByAccountUsername(String): UserDTO

UserService

- userRepository: UserRepository

<<Interface>>
IRunPriceService

+ addOrUpdate(RunPriceDTO): RunPriceDTO
 + delete(String): void
 + findAll(void): List<RunPriceDTO>
 + findById(String): RunPriceDTO
 + findByPower(int): RunPriceDTO

RunPriceService

- runPriceRepository: RunPriceRepository

<<Interface>>
ITransactionService

+ addOrUpdate(TransactionDTO): TransactionDTO
 + delete(String): 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>
 + findByTransactionDateAndSenderId(DateTime, String): List<TransactionDTO>
 + findByTransactionDateAndReceiverId(DateTime, String): List<TransactionDTO>
 + findBySenderIdAndReceiverId(String, String): List<TransactionDTO>
 + findByTransactionDateAndState(DateTime, TxState): List<TransactionDTO>

TransactionService

- transactionRepository: TransactionRepository