CustomerController

- + getAllCustomers():String
- + getCustomerById(Long): String
- + SignInCustomer(String, String): String
- + badAuthenticationException():void
- + createCustomer(Customer):String
- + updateCustomerById(Long, Customer):S + deleteCustomer(Long): void

VendorController

- + getRecentId(): Long
- + getAllVendors(): String
- + getVendorById(Long vendorId): String
- + SignInVendor(String email, String pwd):
- + createVendor():String
- + updateVendorById(Long vendorId):JSON
- + deleteVendor(Long vendorld):void

AdminController

- getAllAdmins():String
- getAdminById(Long): String
- SignInAdmin(String, String): String
- badAuthenticationException():void
- createAdmin(Customer):String
- updateAdminById(Long, Customer):String
- deleteAdmin(Long): void

PlanController

- + createPlan(): boolean
- + deletePlan(): boolean
- + addltem(): boolean
- + rescheduleItem(): void
- + deleteltem(): boolean
- + getAllPlan(): String
- + getPlanByld(): String

ReservationController

- + createReservation(): boolean
- + cancelReservation(): boolean
- + confirmReservation(): boolean
- + callShop(): void

ListViewMgr

- + generateRecommendationList(): ArrayList<Shop>
- + generateSearchListByKeywords(String): ArrayList<Shop>
- + displayList(ArrayList<Shop>): void
- + accessCustomerVegPreference(): boolean + accessCustomerHalalPreference(): boolean
- + accessCustomerRegionalPreference(): String

ShopController

- getAllShops():String
- getShoprById(Long): String
- createShop(Long, Shop):String updateShopByld(Long, Shop):String
- deleteShop(Long, Long): String

ShopVerificationController

- + getAllShopVerification():String
- + postShopVerification(Long, ShopVerification):String
- + manageShopVerification(Long, boolean):String

VendorShopMgr

- + createProduct(): boolean
- + deleteProduct(): boolean
- + editProduct(): boolean
- + editDescription(): boolean + editContact(): boolean
- enableReservation(): boolean

ProductController

- + foo(String):String
- + getAllProducts(): String
- + getProductById(): String
- + createProduct(Long, Product):String
- + deleteProduct(Long, Long):String

GeneralHomePage

VerificationController

CustomerInformationMgr

SharingMgr

+ signInWithAccount(): boolean

+ forgetPassword(): boolean

+ editPreference(): void

+ editProfile(): void

+ editAvatar(): void

+ displayProfile(): void

+ displayAvatar(): void

+ shareShop(): boolean

+ sharePlan(): boolean + shareRoute(): boolean

+ callOutFacebook(): void

+ callOutTelegram(): void

+ callOutWhatsApp(): void

+ displayPreference(): void

+ signOutWithAccount(): boolean

+ sendVerificationEmail(): boolean

- + directToCreatePlan(): void
- + directToSearch(): void
- + directToFav(): void + directToPlan(): void
- + directToAccountSetting(): void
- + nearByRecommendation(): void
- + directToResturantList(): void + directToEntertainmentList(): void
- + directToPlazaList(): void
- + todayRecommendation(): void
- + buttomBar(): void

ShopPage

- + shopDescription(): void + shopProducts(): void
- + shopContact(): void
- + shopReservation(): void + favShop(): void
- + buttomBar(): void

ShopListPage

- + shopList(): void
- + directToshop(): void + dragToRefresh(): void
- + buttomBar(): void

RecommendationListPage

- + recommendationList(): void
- + directToShop(): void
- + dragToRefresh(): void + filterByChoice(): void
- + directToShop(): void
- + buttomBar(): void

PlanPage

- + newPlan(): void
- + historyPlan(): void
- + editSchedule(): void
- + emptyCurrentPlan(): void + editRoute(): void
- + emptyCurrentRout(): void
- + generateShareable()
- + buttomBar(): void

RestaurantListPage

- + restaurantList(): void
- + directTorestaurant(): void + dragToRefresh(): void
- + buttomBar(): void

EntertainmentListPage

- + entertainmentList(): void + directToentertainment(): void
- + dragToRefresh(): void
- + buttomBar(): void

PlazaListPage

- + plazaList(): void
- + directToplaza(): void + dragToRefresh(): void
- + buttomBar(): void

SearchPage

- + search(String): void
- + displaySearchResult(): void
- + directToShop(): void + buttomBar(): void

FavouritePage

- + addFav(): void
- + deleteFav(): void + directToShop(): void
- + buttomBar(): void

InitialPage

- + directToSignUp(): void
- + directToSignInCustomer():void + directToSignInVendor(): void
- + directToSignInAdmin(): void + directToVisitorUse(): void

- UserProfilePage
- + avatar(): void + userProfile(): void
- + userPreference(): void
- + buttomBar(): void

SettingPage

- + accountSecurity(): void
- + aboutInfo(): void + signIn(): void + signOut(): void
- + customerServiceCall(): void
- + buttomBar(): void