

# + generateRecommendationList(): ArrayList<Shop> + generateSearchListByKeywords(String): ArrayList<Shop> + displayList(ArrayList<Shop>): void + accessCustomerVegPreference(): boolean + accessCustomerHalalPreference(): boolean + accessCustomerRegionalPreference(): String ShopViewMgr + displayShopProducts(): ArrayList<Product> + displayShopDescription(): String + diaplayReservationAvailability(): void + displayShopContact(): String ShopVerificationMgr + createVerificationApplication(): boolean + cancelVerificationApplication(): boolean + approveVerificationApplication(): boolean + declineVerificationApplication(): boolean + attachDocumentSupplementary(): void VendorShopMgr + createProduct(): boolean + deleteProduct(): boolean + editProduct(): boolean + editDescription(): boolean + editContact(): boolean enableReservation(): boolean ProductViewMgr

ListViewMgr

#### GeneralHomePage

- + 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

## RecommendationListPage

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

#### PlanPage

- + newPlan(): void + historyPlan(): void
- + editPlan(): void
- + emptyCurrentPlan(): void
- + generateShareable()
- + 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

+ displayProductDescription(): String

+ displayProductName(): String

+ displayProductImage(): ArrayList<Image>

- + userPreference(): void
- + buttomBar(): void

### SettingPage

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