

PublicRecipeDao«interface»

```
+addRecipe(recipe:PublicRecipe):void
+updateRecipe(recipe:PublicRecipe):void
+deleteRecipe(idRecipe:int):void
+getRecipe(idRecipe:int):PublicRecipe
+getRecipeChapter(idRecipe:int):List<IngredientCh
+getTags(idRecipe:int):List<RecipeTag>
+addTag(recipeId:int, tagId:String):void
+removeTag(recipeId:int, tagId:String):void
+getFavourites():List<PublicRecipe>
```

ShoppingListDao«interface»

```
+addShoppingList(item:ShoppingList):void
+updateShoppingList(item:ShoppingList)
+deleteShoppingList(idShoppingList:int)
+getShoppingList():List<ShoppingList>
```

PrivateTagDao«interface»

```
+addTag(tag:String):void
+updateTag(oldTag:String, newTag:String)
+removeTag(tag:String):void
+getTags():List<String>
```

PrivateRecipeDao«interface»

```
+addRecipe(recipe:PrivateRecipe):void
+updateRecipe(recipe:PrivateRecipe):void
+deleteRecipe(recipeId:int):void
+getRecipe(recipeId:int):PrivateRecipe
+getTags(recipeId:int):PrivateRecipeTag
+addTag(recipeId:int, tagId:String):void
+removeTag(recipeId:int, tagId:String)
```

IngredientChapterDao«interface»

```
+addChapter(chapter:IngredientChapter):void
+editChapter(chapter:IngredientChapter):void
+deleteChapter(idChapter:int):void
+getIngredientAmount(idChapter:int):List<IngredientAmount>
+getInregredientChapterFromRecipe(recipeId:int):List<IngredientChapter>
```

IngredientAmountDao«interface»

```
+addIngredient(ingredient:IngredientAmount):void
+updateIngredient(ingredient:IngredientAmount):void
+deleteIngredient(idChapter:int, nameIngredient:String):void
```