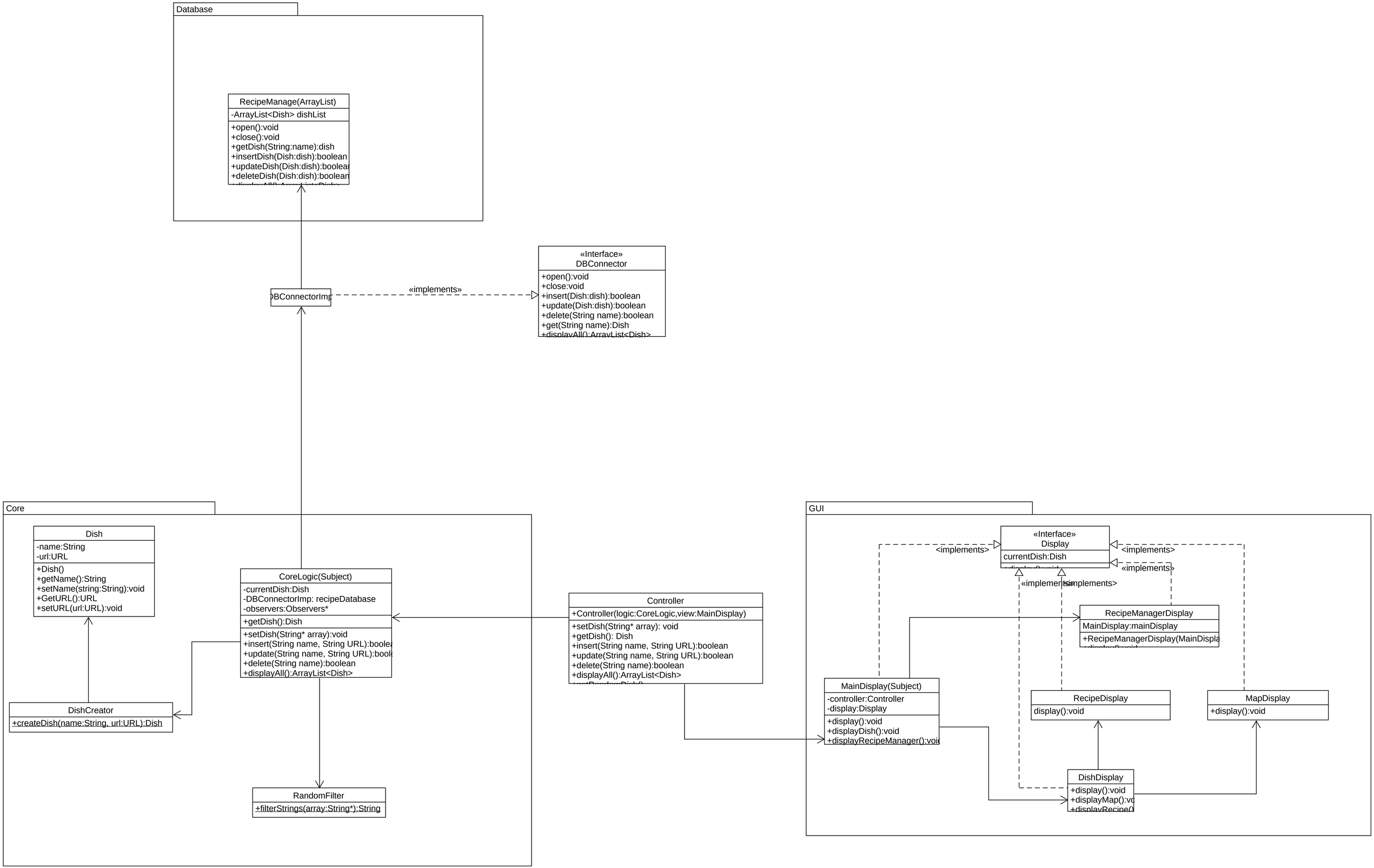
Database
RecipeManage(ArrayList)
-ArrayList<Dish> dishList
+open():void
+close():void
+getDish(String:name):dish
+insertDish(Dish:dish):boolean
+updateDish(Dish:dish):boolean
+deleteDish(Dish:dish):boolean
«Interface»
DBConnector
+open():void
+close:void
+insert(Dish:dish):boolean
+update(Dish:dish):boolean
+delete(String name):boolean
+get(String name):Dish
+displayAll():ArrayList<Dish>
«implements»
Core
Dish
-name:String
-url:URL
+Dish()
+getName():String
+setName(string:String):void
+GetURL():URL
+setURL(url:URL):void
CoreLogic(Subject)
-currentDish:Dish
-DBConnectorImp: recipeDatabase
-observers:Observers*
+getDish():Dish
+setDish(String* array):void
+insert(String name, String URL):boolean
+update(String name, String URL):boolean
+delete(String name):boolean
+displayAll():ArrayList<Dish>
DishCreator
+createDish(name:String, url:URL):Dish
RandomFilter
+filterStrings(array:String*):String
Controller
+Controller(logic:CoreLogic,view:MainDisplay)
+setDish(String* array): void
+getDish(): Dish
+insert(String name, String URL):boolean
+update(String name, String URL):boolean
+delete(String name):boolean
+displayAll():ArrayList<Dish>
GUI
«Interface»
Display
currentDish:Dish
<implements>
<implements>
<implements>
<implements>
<implements>
RecipeManagerDisplay
MainDisplay:mainDisplay
+RecipeManagerDisplay(MainDisplay
MainDisplay(Subject)
-controller:Controller
-display:Display
+display():void
+displayDish():void
+displayRecipeManager():void
RecipeDisplay
display():void
MapDisplay
+display():void
DishDisplay
+display():void
+displayMap():void
+displayRecipe()