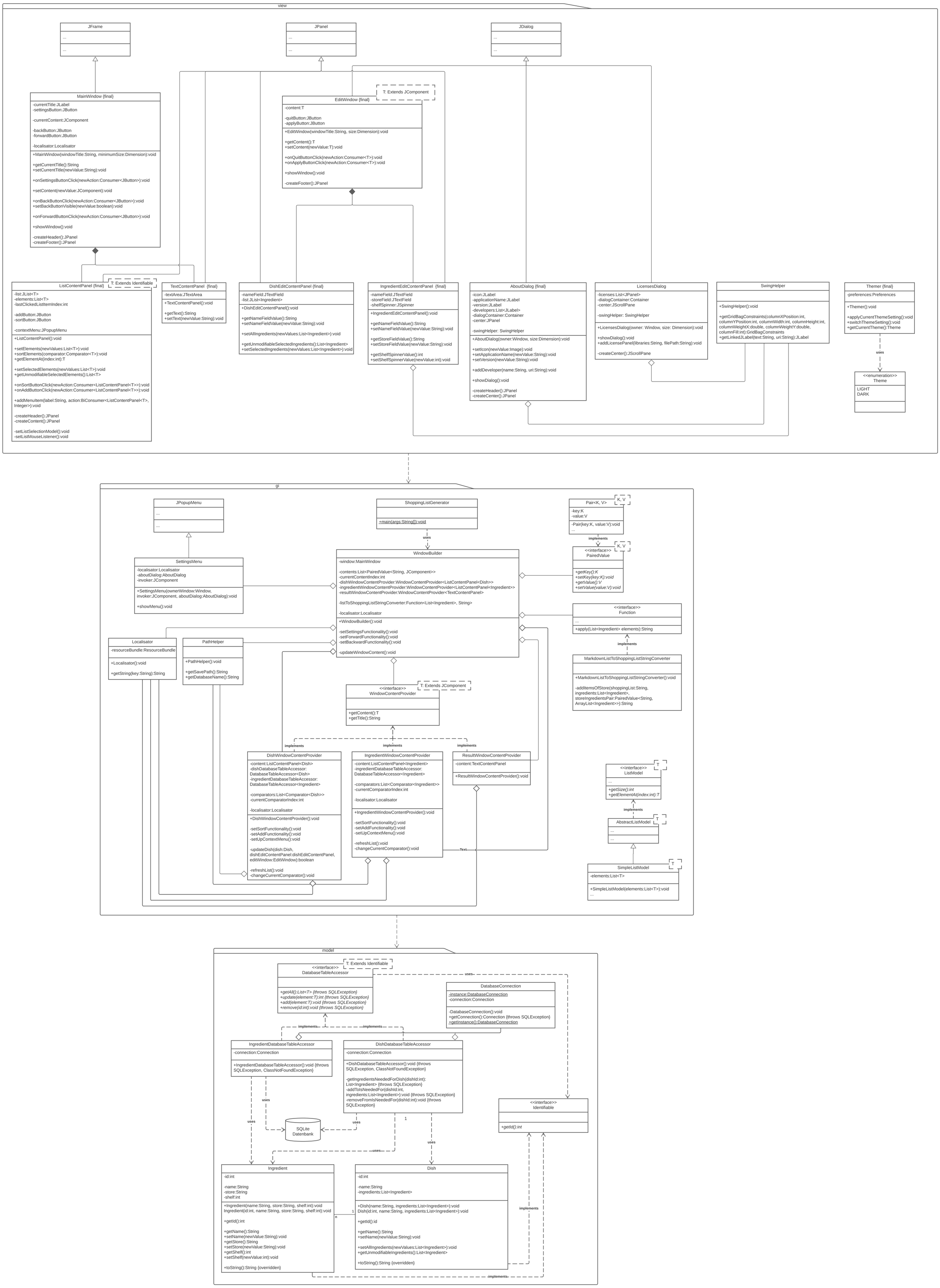
view
JFrame
...
...
JPanel
...
...
JDialog
...
...
MainWindow {final}
-currentTitle:JLabel
-settingsButton:JButton
-currentContent:JComponent
-backButton:JButton
-forwardButton:JButton
-localisator:Localisator
+MainWindow(windowTitle:String, minimumSize:Dimension):void
+getCurrentTitle():String
+setCurrentTitle(newValue:String):void
+onSettingsButtonClick(newAction:Consumer<JButton>):void
+setContent(newValue:JComponent):void
+onBackButtonClick(newAction:Consumer<JButton>):void
+setBackButtonVisible(newValue:boolean):void
+onForwardButtonClick(newAction:Consumer<JButton>):void
+showWindow():void
-createHeader():JPanel
-createFooter():JPanel
T: Extends JComponent
EditWindow {final}
-content:T
-quitButton:JButton
-applyButton:JButton
+EditWindow(windowTitle:String, size:Dimension):void
+getContent():T
+setContent(newValue:T):void
+onQuitButtonClick(newAction:Consumer<T>):void
+onApplyButtonClick(newAction:Consumer<T>):void
+showWindow():void
-createFooter():JPanel
T: Extends Identifiable
ListContentPanel {final}
-list:JList<T>
-elements:List<T>
-lastClickedListItemIndex:int
-addButton:JButton
-sortButton:JButton
-contextMenu:JPopupMenu
+ListContentPanel():void
+setElements(newValues:List<T>):void
+sortElements(comparator:Comparator<T>):void
+getElementAt(index:int):T
+setSelectedElements(newValues:List<T>):void
+getUnmodifiableSelectedElements():List<T>
+onSortButtonClick(newAction:Consumer<ListContentPanel<T>>):void
+onAddButtonClick(newAction:Consumer<ListContentPanel<T>>):void
+addMenuItem(label:String, action:BiConsumer<ListContentPanel<T>, Integer>):void
-createHeader():JPanel
-createContent():JPanel
-setListSelectionModel():void
-setListMouseListener():void
TextContentPanel {final}
-textArea:JTextArea
+TextContentPanel():void
+getText():String
+setText(newValue:String):void
DishEditContentPanel {final}
-nameField:JTextField
-list:JList<Ingredient>
+DishEditContentPanel():void
+getNameFieldValue():String
+setNameFieldValue(newValue:String):void
+setAllIngredients(newValues:List<Ingredient>):void
+getUnmodifiableSelectedIngredients():List<Ingredient>
+setSelectedIngredients(newValues:List<Ingredient>):void
IngredientEditContentPanel {final}
-nameField:JTextField
-storeField:JTextField
-shelfSpinner:JSpinner
+IngredientEditContentPanel():void
+getNameFieldValue():String
+setNameFieldValue(newValue:String):void
+getStoreFieldValue():String
+setStoreFieldValue(newValue:String):void
+getShelfSpinnerValue():int
+setShelfSpinnerValue(newValue:int):void
AboutDialog {final}
-icon:JLabel
-applicationName:JLabel
-version:JLabel
-developers:List<JLabel>
-dialogContainer:Container
-center:JPanel
-swingHelper: SwingHelper
+AboutDialog(owner:Window, size:Dimension):void
+setIcon(newValue:Image):void
+setApplicationName(newValue:String):void
+setVersion(newValue:String):void
+addDeveloper(name:String, uri:String):void
+showDialog():void
-createHeader():JPanel
-createCenter():JPanel
LicensesDialog
-licenses:List<JPanel>
-dialogContainer:Container
-center:JScrollPane
-swingHelper: SwingHelper
+LicensesDialog(owner: Window, size: Dimension):void
+showDialog():void
+addLicensePanel(libraries:String, filePath:String):void
-createCenter():JScrollPane
SwingHelper
+SwingHelper():void
+getGridBagConstraints(columnXPosition:int, columnYPosition:int, columnWidth:int, columnHeight:int, columnWeightX:double, columnWeightY:double, columnFill:int):GridBagConstraints
+getLinkedJLabel(text:String, uri:String):JLabel
Themer {final}
-preferences:Preferences
+Themer():void
+applyCurrentThemeSetting():void
+switchThemeSetting():void
+getCurrentTheme():Theme
uses
<<enumeration>>
Theme
LIGHT
DARK
gi
JPopupMenu
...
...
ShoppingListGenerator
+main(args:String[]):void
uses
Pair<K, V>
K, V
-key:K
-value:V
-Pair(key:K, value:V):void
...
implements
<<interface>>
PairedValue
K, V
+getKey():K
+setKey(key:K):void
+getValue():V
+setValue(value:V):void
SettingsMenu
-localisator:Localisator
-aboutDialog:AboutDialog
-invoker:JComponent
+SettingsMenu(ownerWindow:Window, invoker:JComponent, aboutDialog:AboutDialog):void
+showMenu():void
WindowBuilder
-window:MainWindow
-contents:List<PairedValue<String, JComponent>>
-currentContentIndex:int
-dishWindowContentProvider:WindowContentProvider<ListContentPanel<Dish>>
-ingredientWindowContentProvider:WindowContentProvider<ListContentPanel<Ingredient>>
-resultWindowContentProvider:WindowContentProvider<TextContentPanel>
-listToShoppingListStringConverter:Function<List<Ingredient>, String>
-localisator:Localisator
+WindowBuilder():void
-setSettingsFunctionality():void
-setForwardFunctionality():void
-setBackwardFunctionality():void
-updateWindowContent():void
<<interface>>
Function
...
+apply(List<Ingredient> elements):String
implements
MarkdownListToShoppingListStringConverter
+MarkdownListToShoppingListStringConverter():void
-addItemsOfStore(shoppingList:String, ingredients:List<Ingredient>, storeIngredientsPair:PairedValue<String, ArrayList<Ingredient>>):String
Localisator
-resourceBundle:ResourceBundle
+Localisator():void
+getString(key:String):String
PathHelper
+PathHelper():void
+getSavePath():String
+getDatabaseName():String
T: Extends JComponent
<<interface>>
WindowContentProvider
+getContent():T
+getTitle():String
implements
implements
implements
DishWindowContentProvider
-content:ListContentPanel<Dish>
-dishDatabaseTableAccessor: DatabaseTableAccessor<Dish>
-ingredientDatabaseTableAccessor: DatabaseTableAccessor<Ingredient>
-comparators:List<Comparator<Dish>>
-currentComparatorIndex:int
-localisator:Localisator
+DishWindowContentProvider():void
-setSortFunctionality():void
-setAddFunctionality():void
-setUpContextMenu():void
-updateDish(dish:Dish, dishEditContentPanel:dishEditContentPanel, editWindow:EditWindow):boolean
-refreshList():void
-changeCurrentComparator():void
IngredientWindowContentProvider
-content:ListContentPanel<Ingredient>
-ingredientDatabaseTableAccessor: DatabaseTableAccessor<Ingredient>
-comparators:List<Comparator<Ingredient>>
-currentComparatorIndex:int
-localisator:Localisator
+IngredientWindowContentProvider():void
-setSortFunctionality():void
-setAddFunctionality():void
-setUpContextMenu():void
-refreshList():void
-changeCurrentComparator():void
Text
ResultWindowContentProvider
-content:TextContentPanel
+ResultWindowContentProvider():void
T
<<interface>>
ListModel
...
+getSize():int
+getElementAt(index:int):T
implements
T
AbstractListModel
...
...
T
SimpleListModel
-elements:List<T>
+SimpleListModel(elements:List<T>):void
...
model
T: Extends Identifiable
<<interface>>
DatabaseTableAccessor
+getAll():List<T> {throws SQLException}
+update(element:T):int {throws SQLException}
+add(element:T):void {throws SQLException}
+remove(id:int):void {throws SQLException}
uses
DatabaseConnection
-instance:DatabaseConnection
-connection:Connection
-DatabaseConnection():void
+getConnection():Connection {throws SQLException}
+getInstance():DatabaseConnection
implements
implements
IngredientDatabaseTableAccessor
-connection:Connection
+IngredientDatabaseTableAccessor():void {throws SQLException, ClassNotFoundException}
DishDatabaseTableAccessor
-connection:Connection
+DishDatabaseTableAccessor():void {throws SQLException, ClassNotFoundException}
-getIngredientsNeededForDish(dishId:int): List<Ingredient> {throws SQLException}
-addToIsNeededFor(dishId:int, ingredients:List<Ingredient>):void {throws SQLException}
-removeFromIsNeededFor(dishId:int):void {throws SQLException}
<<interface>>
Identifiable
+getId():int
uses
uses
SQLite Datenbank
uses
1
uses
uses
Ingredient
-id:int
-name:String
-store:String
-shelf:int
+Ingredient(name:String, store:String, shelf:int):void
Ingredient(id:int, name:String, store:String, shelf:int):void
+getId():int
+getName():String
+setName(newValue:String):void
+getStore():String
+setStore(newValue:String):void
+getShelf():int
+setShelf(newValue:int):void
+toString():String {overridden}
1
n
Dish
-id:int
-name:String
-ingredients:List<Ingredient>
+Dish(name:String, ingredients:List<Ingredient>):void
Dish(id:int, name:String, ingredients:List<Ingredient>):void
+getId():id
+getName():String
+setName(newValue:String):void
+setAllIngredients(newValues:List<Ingredient>):void
+getUnmodifiableIngredients():List<Ingredient>
+toString():String {overridden}
implements
implements