Screen Sequence Diagrams

Wine Application: Wine-Know

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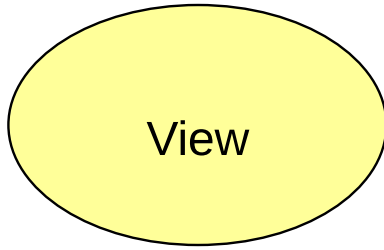
View

This shape and color indicates what the user views. In most cases it is some sort of button
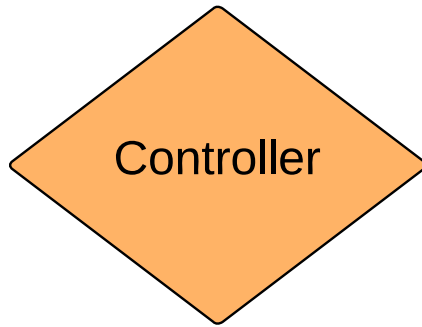
Controller

The controller will call methods to access the database. It takes into account if there was any user input as well
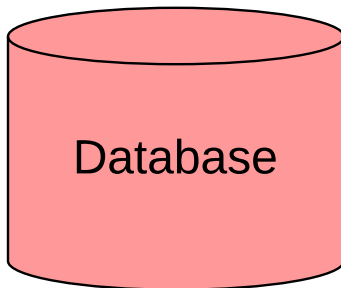
Database

The database will access the appropriate item that the controller indicates to access and will return the appropriate information back to the controller

Result (View)
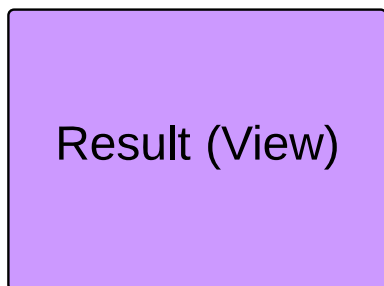
This shape and color indicates the final result of the initial trigger. The result displays the information from the database via the controller

Help.java

Home
MainActivity.java

UC 1-12

varietalSelected()

varietalClicked.java

UC 6-14

SipClicked.java

varietalSelected.java

randomWineClicked()

descriptorClicked()

RandomWine.java

specificWineClicked()

descriptorClicked.java

descriptorSelected()

specificWine.java

descriptorSelected.java

redWineClicked()

whiteWineClicked()

getWinesbyVarietal()

specificRedClicked.java

specificWhiteClicked.java

getRandomWine()

getRedWine()

getWhiteWine()

getWinesbyDescriptor()

DatabaseHelper.java

Display
Name:
Varetal:
Color
Year:

Display wine Information

query = getRandomWine or getRedWIne or getWhiteWine or getWinesByDescriptor or getWineByVarietal

Wineknow.db

```
                                    eatClicked.java
         pairingClicked()          /       |        \      recipeClicked()
                    /              /        |         \
                   v              v         |          v
          pairingClicked.java         UC              recipeClicked.java
                  |               1-5,8-14                  |
                  |                                         | onClick()
                  v                                         | findViewById()
            Display                                         v
            List of Food items                        Display
                  |                                    Recipe
                  | findPairing()
                  v
            databaseHelper.java
                  |
                  | query = getWines
                  v
            WineKnow.db
            ^     |
            |     v
query = getWinesbyVarietal
            |     databaseHelper.java  ----->   Display
            _____/                          Name:
                                                Varietal:
                                                Color:
                                                Year:
```

```
                                              UC
                                            1-7,10-14

      giveRatingClicked()                                    viewRatingClicked()
                              reviewClicked.java

  giveRatingClicked.java                                          viewRatingClicked.java

      getRandomWine()                                                getRatedWines()

                          databasehelper.java

  Display                                                            databasehelper.java
  10 random Wines                                                                    Display
                         query = getRandomWine()                                     Rated Wines
        onClick()
                                                            query = getRatedWine()
  Display                  WineKnow.db
  Rating options                                                    WineKnow.db

        setRating()                        Rate Another

                                           View Ratings

  databasehelper.java

        setRating()

  WineKnow.db
```

```
TermsClicked.java ──────────────────────→ UC 1-9, 12-14

        │
        │ findViewbyID()
        ▼

      onClick()

        │
        │ setTextView()
        ▼

     Display
    Definition
        of
      Term
```

FactsClicked.java

UC 1-11, 13-14

Wine_Guy

random
factGenerator()

setTextView()

Display
Random Fact