


User Manual for Farmers Market

Hello!

×

Loading data, please wait...



▼

Search

Your Name

Your Review

▼

Submit Review

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Introduction

This is the user manual for the implementation of an Farmers Market. The main goal of the manual is to provide a comprehensive guide on how the program works and how to use the program at different steps. It includes a detailed explanation of the features and common errors that you may encounter.

Starting the Application

Prerequisites:

- Java Development Kit (JDK) installed on your system.
- JavaFX SDK installed.

Configuring Database Settings:

1. **Navigate to the root directory**
2. **Open dbconfig.properties using any text editor. Contents should be similar to this:**

```
1 # dbconfig.properties
2 jdbc.url=jdbc:mysql://128.113.195.120:3306/user003?allowPublicKeyRetrieval=true&useSSL=false
3 jdbc.user=user003
4 jdbc.password=H*FA6IbugbfSd1F6
```

3. **Edit the values to your choosing.**

Running the Program:

1. **Navigate to the Source Directory.**
2. **Compile the Java files:** Use the `javac` command to compile all Java files in the specified package directory.
3. **Run the JavaFX Application:** Use the `java` command to run the main application class. Ensure that you specify the fully qualified class name, including the package.

Notes:

JavaFX Modules: Since JavaFX is not included in the JDK by default, ensure you have the JavaFX SDK installed and properly configured. If you are using Java 11 or later, you might need to add the JavaFX modules explicitly:

```
java --module-path /path/to/javafx-sdk/lib --add-modules  
javafx.controls,javafx.fxml  
edu.rpi.cs.csci4963.u24.wangn4.hw05.farmers_market.farmers_market.java
```

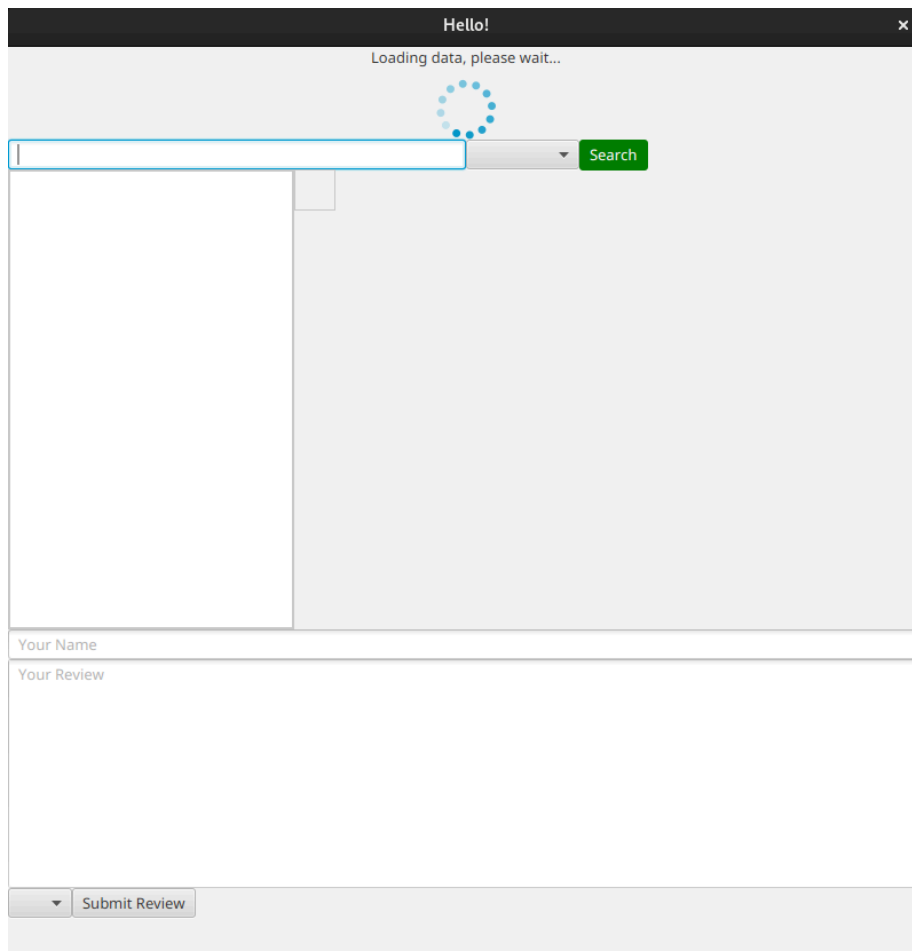
Summary:

To start the program:

1. Ensure you have Java and JavaFX installed on your system.
2. Configure the database config.
3. Compile and run the `FarmersMarketApplication` class.

After Launch:

Upon launch application should look like this:



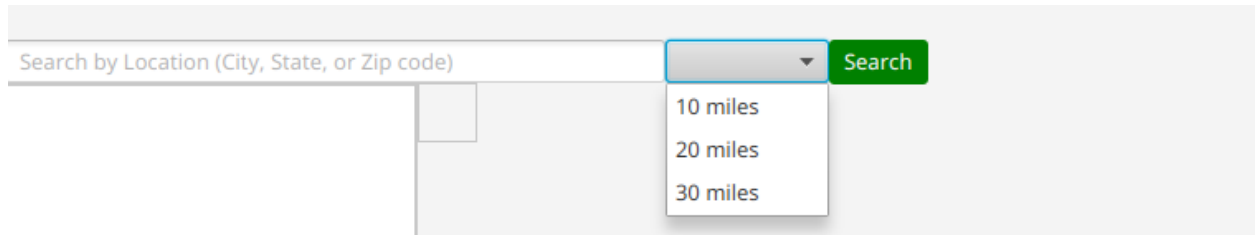
The progress spinner at the top should disappear after the data has been loaded into your database.

UI Features:

Wait until the data is finished loading before using these.

Search Area:

(located in top of window)

The image shows a search interface at the top of a window. It consists of a text input field with the placeholder text "Search by Location (City, State, or Zip code)", a dropdown menu to its right, and a green "Search" button. The dropdown menu is open, showing three options: "10 miles", "20 miles", and "30 miles".

Here the user can search the Farmers Market database using location (City, State, or Zip code) and the dropdown of the search radius.

To use:

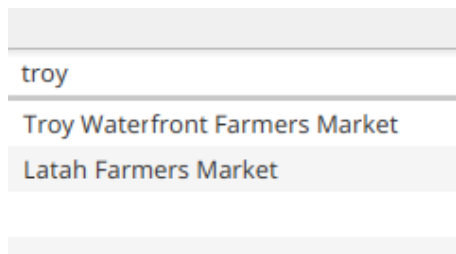
Type in City, State, or Zip Code into the text field, select a search radius from the dropdown and click search.

Search Results Box:

(located in center left of window)

After using the Search function your search field should look like so:

(example after typing in Troy)

The image shows a search results box. It has a text input field containing the word "troy". Below the input field, there are two search results listed: "Troy Waterfront Farmers Market" and "Latah Farmers Market".

Description Box:

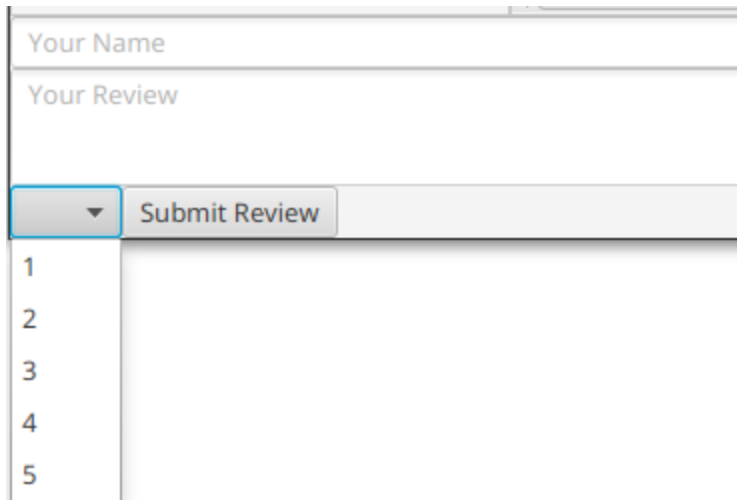
Clicking on any market from the Search Results Box will result in its description being shown like so:

Search

Market	Market Name: Troy Waterfront Farmers Market
	Website: http://troymarket.org
	Address: Riverfront Park, Troy, New York 12180
	Season 1: 01/01/2020 to 12/31/2020 - Sun: 8:30 AM-2:00 P
	Season 2: -
	Season 3: -
	Season 4: -
	Coordinates: (-73.691288, 0.000000)
	Credit: Yes
	WIC: Yes
	WIC Cash: Yes
	SFMNP: Yes
	SNAP: Yes
	Organic: Yes
	Products:
	Baked Goods
	Cheese
	Flowers
	Eggs
	Seafood
	Herbs
	Vegetables
	Honey
	Jams
	Maple
	Meat
	Nuts
	Plants
	Poultry
	Prepared
	Soap
	Trees
	Wine
	< >

Review Box:

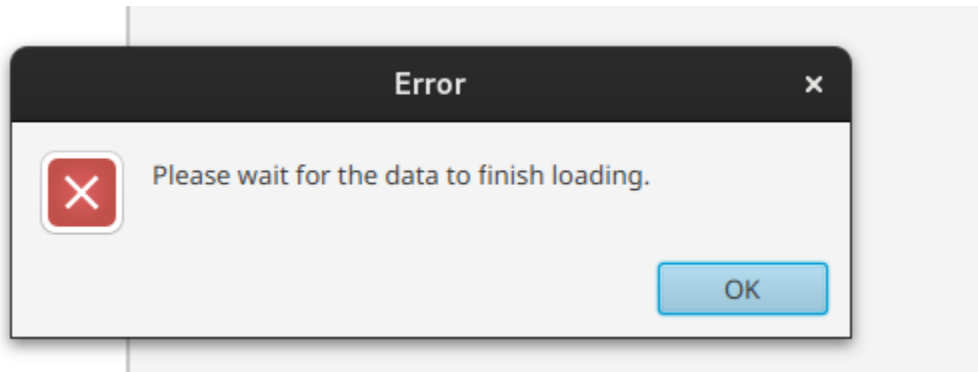
(Located on the bottom of the screen)

A form for submitting a review. It contains two text input fields: "Your Name" and "Your Review". Below these fields is a dropdown menu with a downward arrow icon and a "Submit Review" button. The dropdown menu is open, showing a list of numbers from 1 to 5.

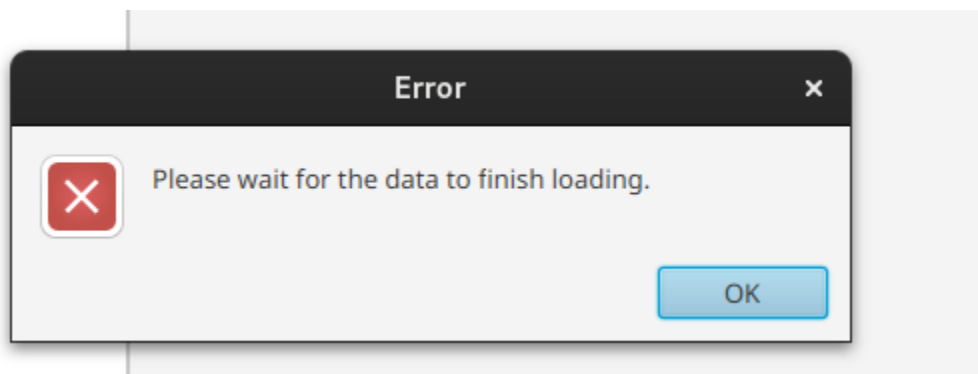
Here the user can submit a review for any market by adding their name review and grade from the dropdown and clicking submit review.

Common Error Cases:

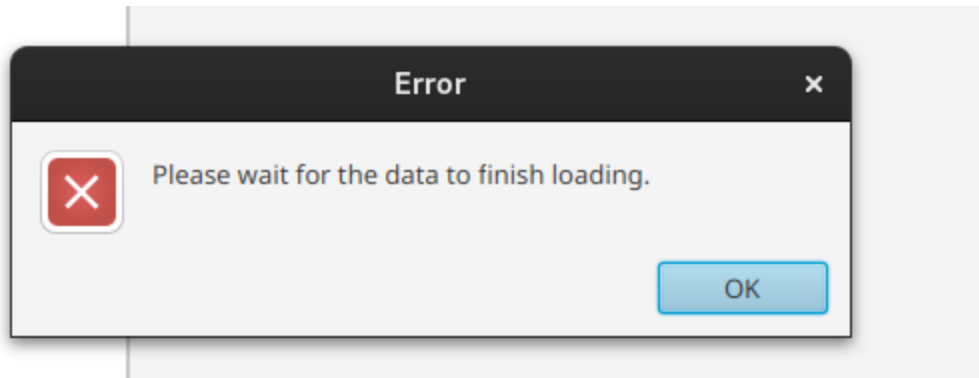
Clicking on the search button before the data is loaded will result in the following popup:



Clicking on the submit review button before the data is loaded will result in the following popup:



Clicking on the Search Results Box before the data is loaded will result in the following popup:



Conclusion

This is a comprehensive guide on the usage of the Farmers Market Program.