


# 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*FA6Ibugbfds1F6
```

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.farmers_market.java
```

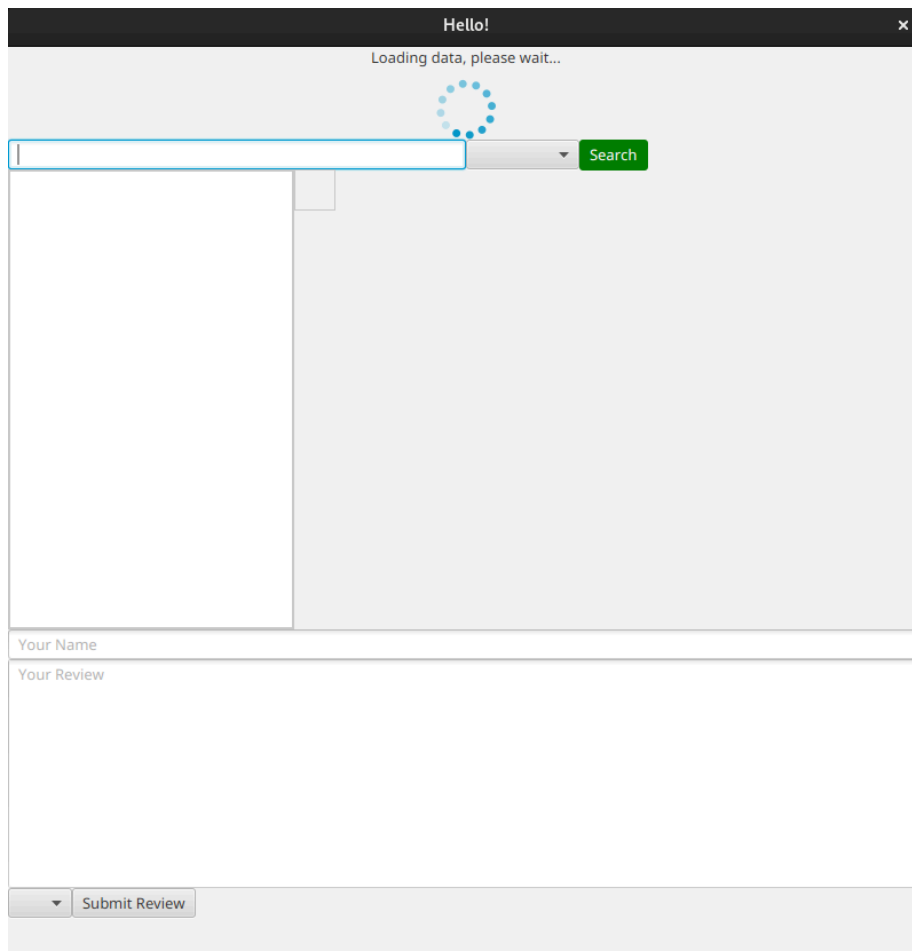
## Summary:

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:



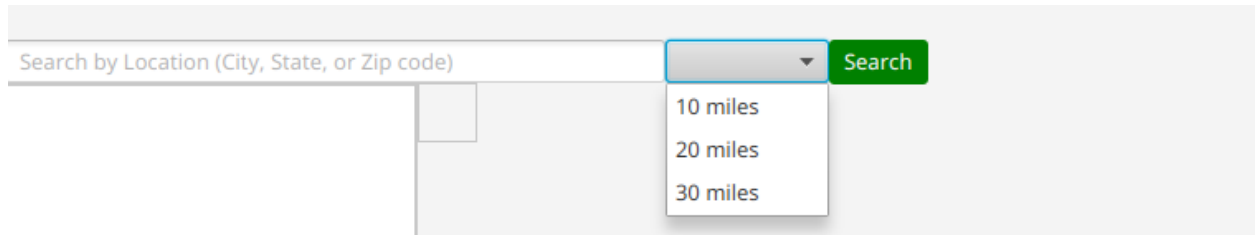
The progress spinner at the top should disappear after the data has been loaded into your database.

## UI Features:

Wait until the data is finished loading before using these.

### Search Area:

(located in top of window)

A screenshot of the search area at the top of the window. It features a light gray background. On the left, there is a text input field with the placeholder text "Search by Location (City, State, or Zip code)". To the right of the input field is a dropdown menu with a downward arrow icon. The dropdown menu is open, showing three options: "10 miles", "20 miles", and "30 miles". To the right of the dropdown menu is a green button with the text "Search" in white.

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:

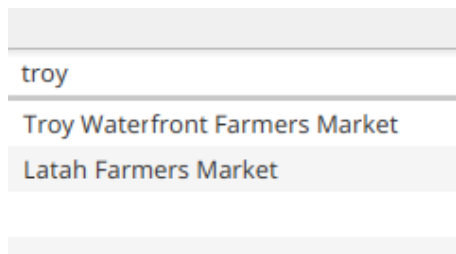
Type in City, State, or Zip Code into the text field, select a search radius from the dropdown and click search.

### 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)

A screenshot of the search results box. It has a light gray background. At the top, there is a text input field containing the text "troy". Below the input field, there are two search results listed. The first result is "Troy Waterfront Farmers Market" and the second result is "Latah Farmers Market". Both results are displayed in a light blue font.

### Description Box:

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

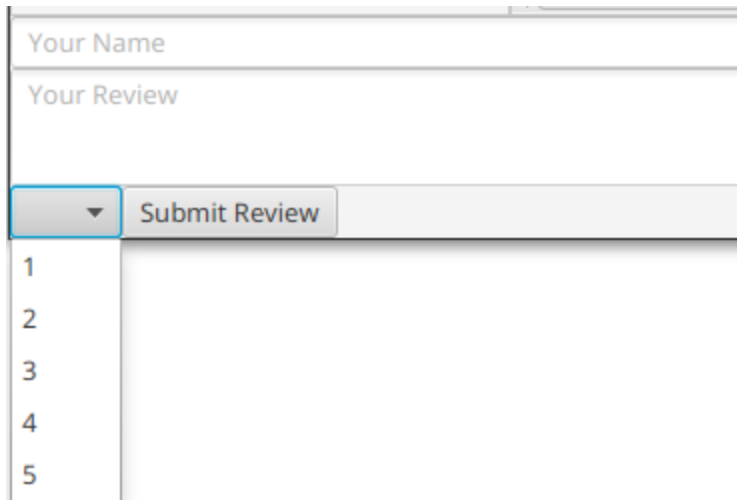
Market

Search

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:

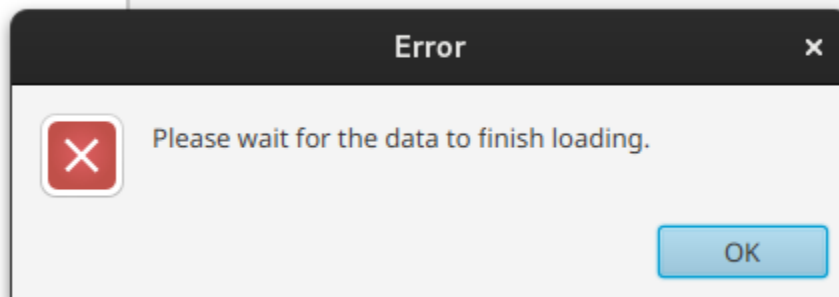
(Located on the bottom of the screen)

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.

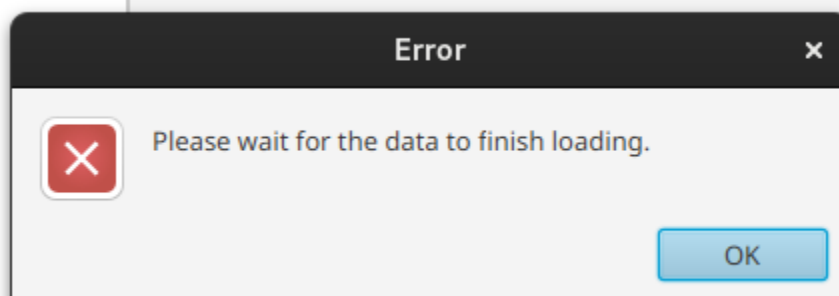
Here the user can submit a review for any market by adding their name review and grade from the dropdown and clicking submit review.

## Common Error Cases:

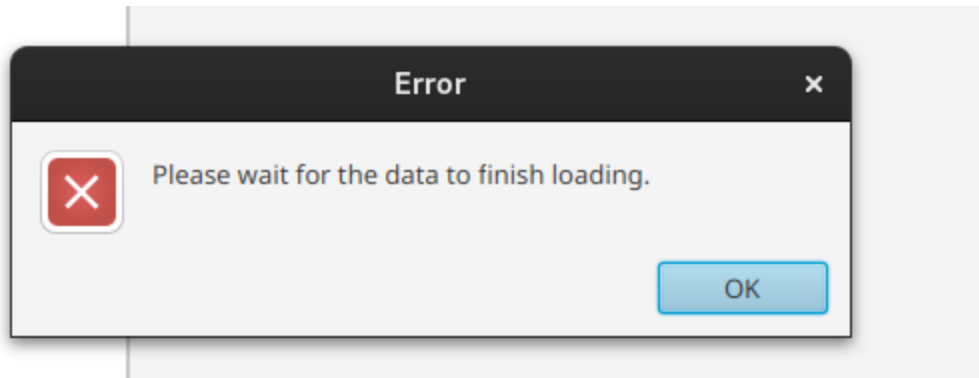
Clicking on the search button before the data is loaded will result in the following popup:



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.