

Farmers Market Application: User Manual

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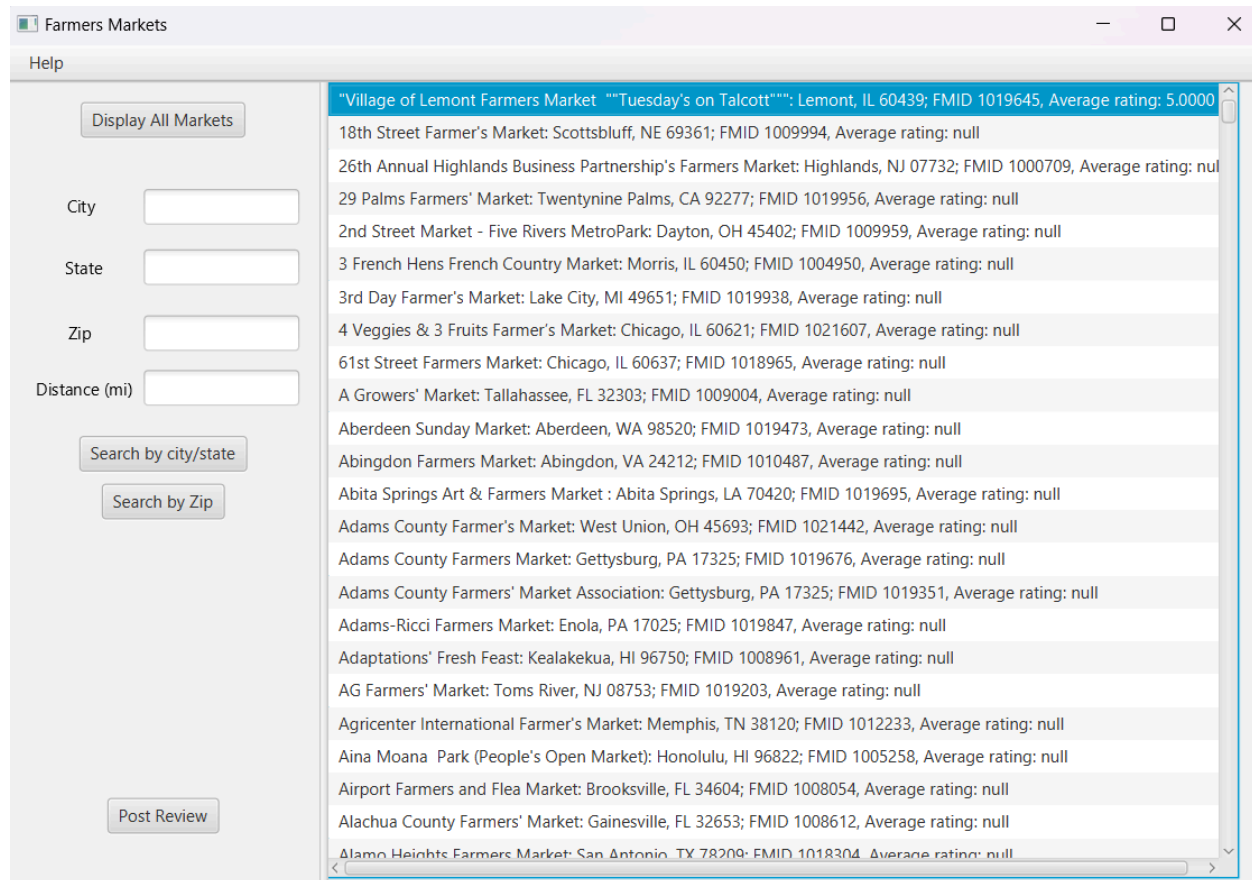
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I. Application Overview

The Farmer's market application is a javafx application which allows a user to view information about farmer's markets stored in a database.

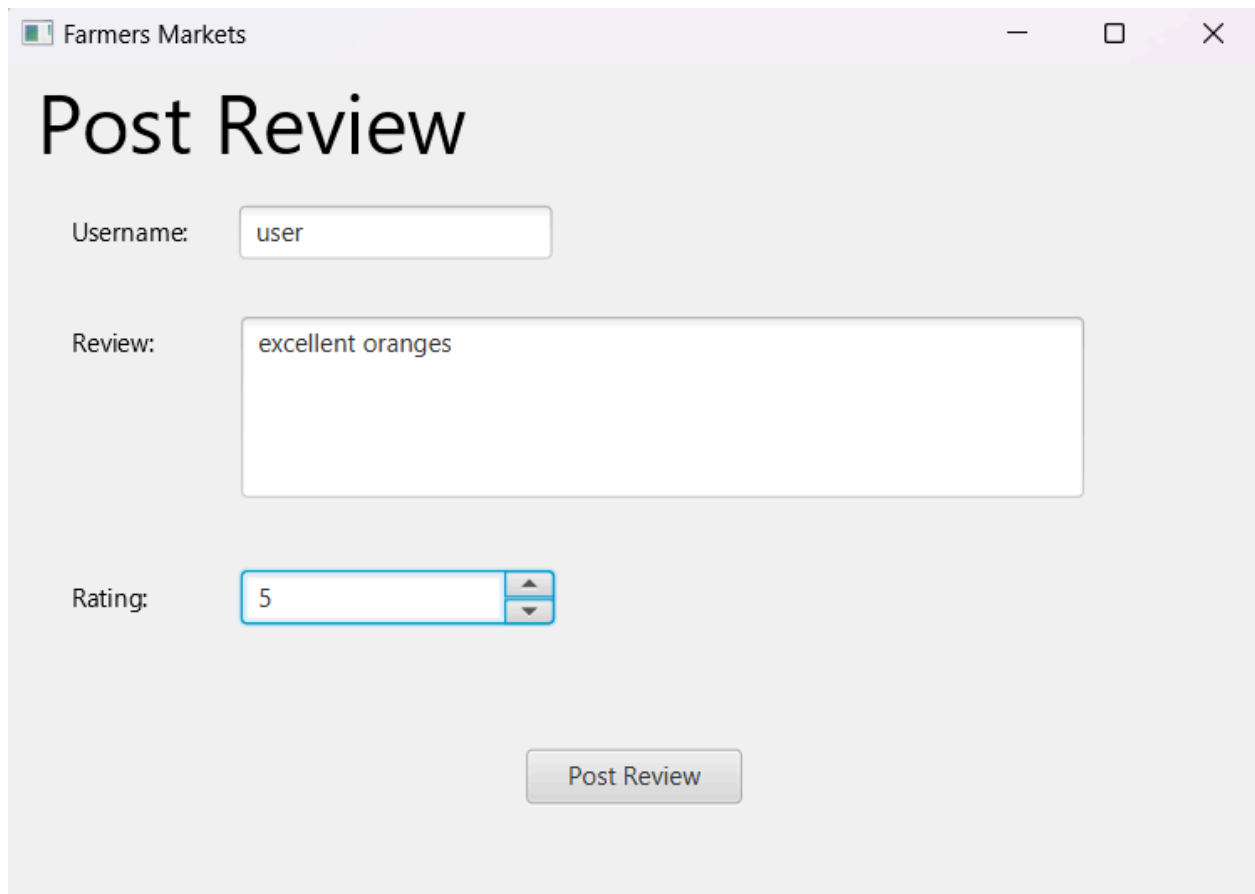
Upon opening the app, a list of all farmers markets sorted by market name are displayed, each with some basic information about each market. Note that an average rating of "null" means that there are no ratings for that market yet:



The user can search for farmers markets within a certain radius of a city and state, or from a zip code, by entering a city and state or zip code and a distance into the textfields on the left side of the app and pressing the corresponding search button.

To reset the app to this view of all markets, the user can press the display all markets button.

The user can click on a farmer's market and click the 'post review' button to post a review of a farmers market. Upon clicking, the following window appears:



The screenshot shows a window titled "Farmers Markets" with standard window controls (minimize, maximize, close). The main heading is "Post Review". Below this, there are three input fields: "Username:" with the value "user", "Review:" with the value "excellent oranges", and "Rating:" with a dropdown menu showing "5". At the bottom center is a "Post Review" button.

Username: user

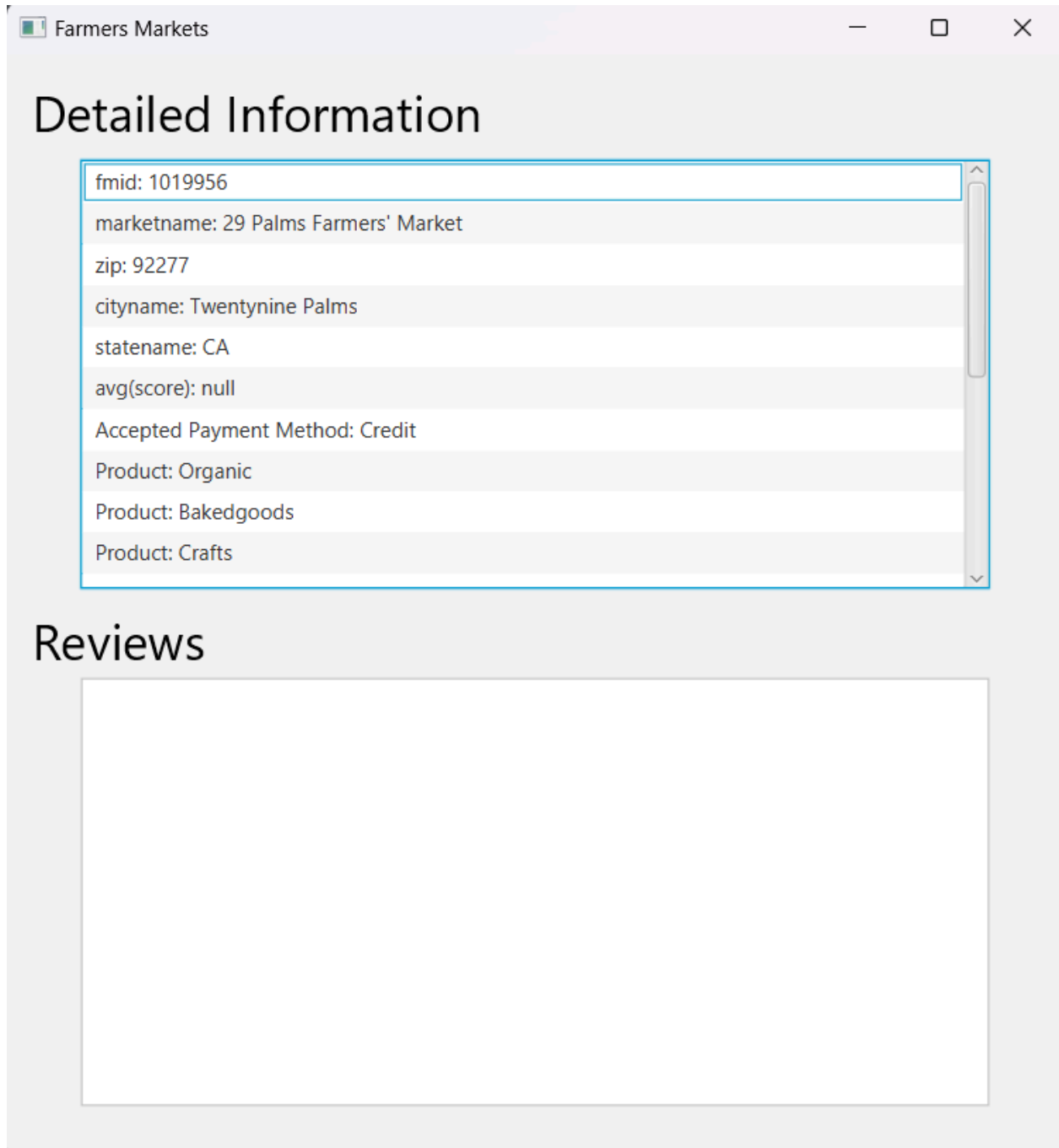
Review: excellent oranges

Rating: 5

Post Review

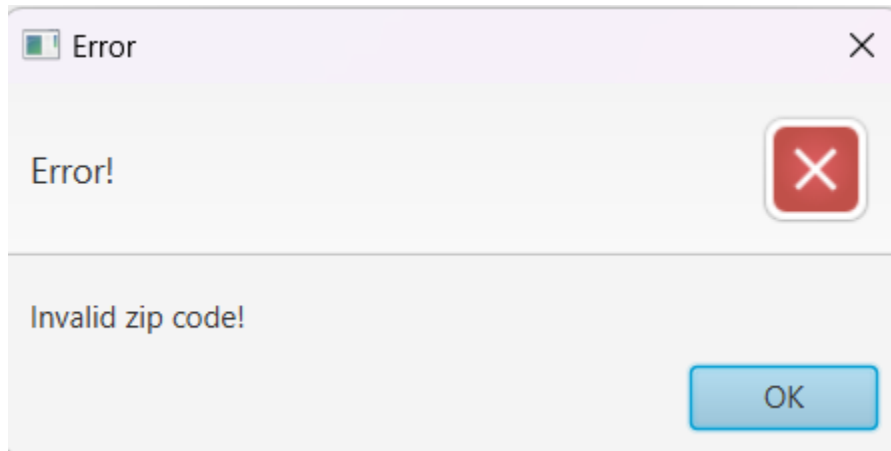
The user can enter a username, their review, and select a rating value, then click post review in order to post their review of the selected farmer's market.

The user can also double click on a farmer's market to display a window showing detailed information about the market, including its location, name, zipcode, farmer's market id (fmid), average review score, all accepted payment methods and products offered by the farmer's market. This window also displays all existing reviews for the selected farmer's market.

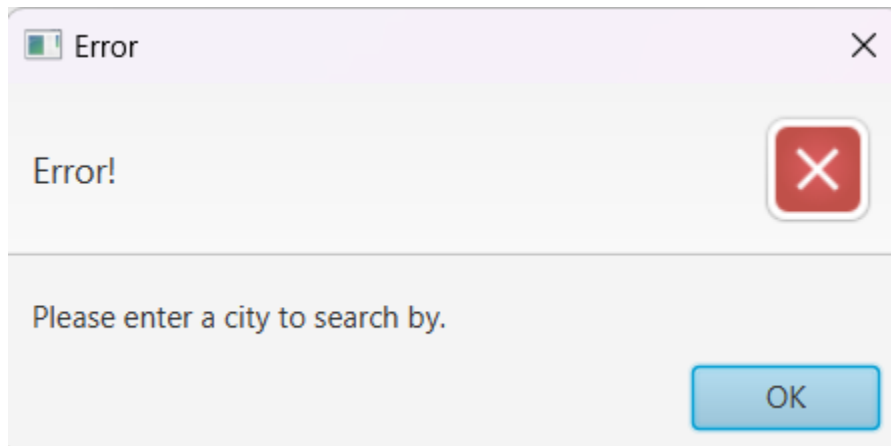


II. Errors

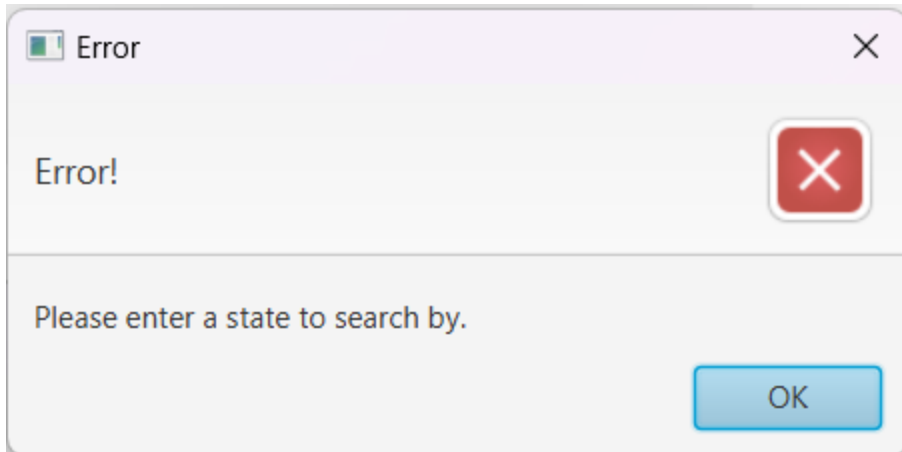
The application displays some error messages when faced with incorrect user input; namely for incorrect search parameters.



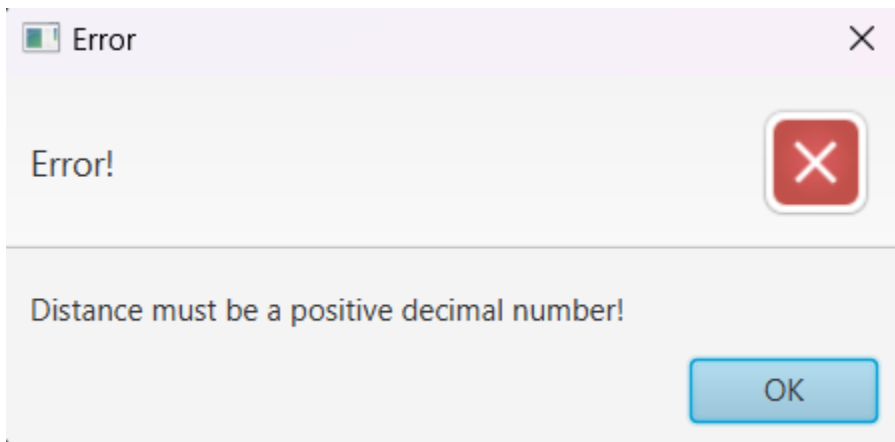
Displayed when a user enters an incorrectly formatted zip code to search by.



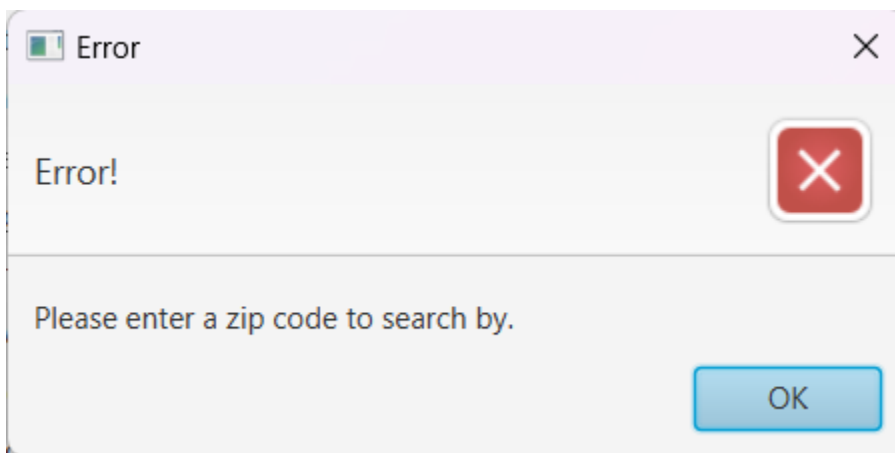
Displayed when a user attempts to search by city/state with no city entered.



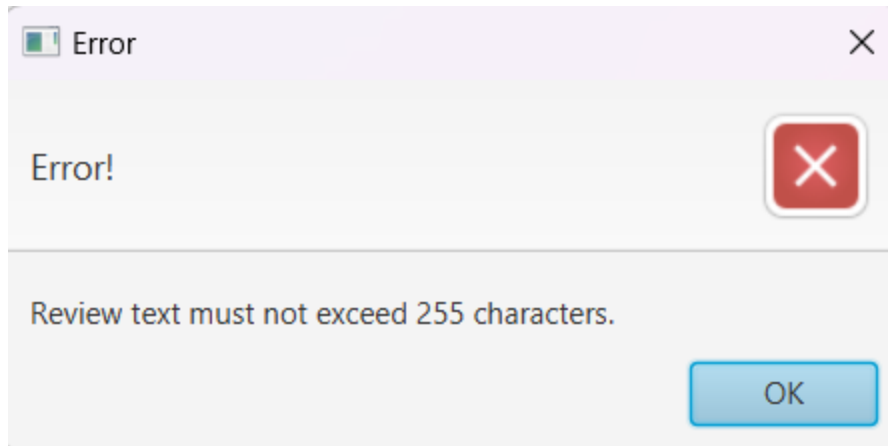
Displayed when a user attempts to search by city/state with no state entered.



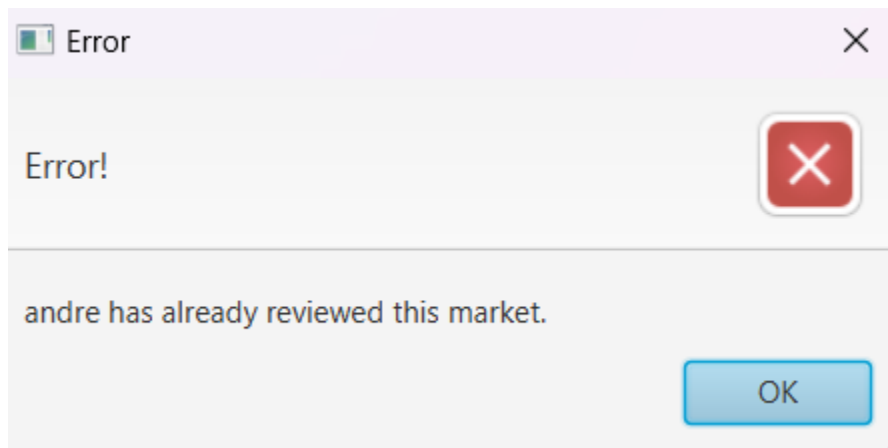
Displayed when a user attempts to search by city/state or by zipcode with a distance value entered that is not a positive decimal number.



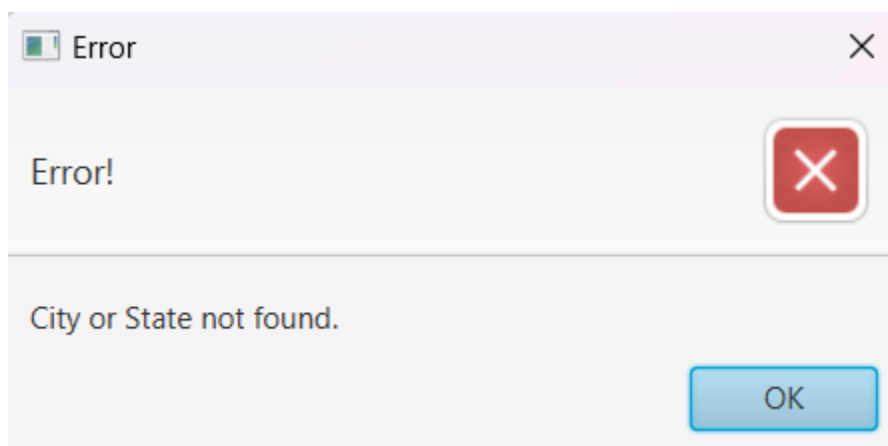
Displayed when a user attempts to search by zipcode without having entered anything into the zipcode field.



Displayed when a user enters a review that is over 255 characters long.



Displayed when a user attempts to leave a review on a market with a username that has already reviewed the market.



Displayed when an entered city and/or state cannot be found.