**Generative AI Prompts**

This document should be stored in your team’s GitHub repository in the *docs* folder. All generative AI prompts must be listed here in chronological order. Utilize the template, copying to make more. The *AI Engine* field is the source you used, for example: Copilot, ChatGPT, *etc.*

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| --- | --- | --- | --- |
| Date | 9/26 | Team Member(s) | Roosevelt James |
|  |  | AI Engine | ChatGPT |

Prompt: “I am creating an auction system; draw a MVC model diagram using these user stories”

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| --- | --- | --- | --- |
| Date | 9/26 | Team Member(s) | Roosevelt James |
|  |  | AI Engine | ChatGPT |

Prompt: “How would I go about writing this first user story?”

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| --- | --- | --- | --- |
| Date | 10/17 | Team Member(s) | Bazil Ashfaq |
|  |  | AI Engine | ChatGPT |

Prompt: “Can you show me an example of a class that uses MVC model”

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| --- | --- | --- | --- |
| Date | 10/21/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: Can you give me an example of a JavaFX application that utilizes a TabPane?

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| --- | --- | --- | --- |
| Date | 10/21/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt:   
  
Add a dropdown for "Tab 1" that displays a collection of "Category". "Category"'s can be added to this dropdown.

A "Category" is a Java class that contains only the following:

- A private String, name

- A constructor, public Category(String name)

- A getName() method

- A setName(String name) method

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| Date | 10/21/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: Make the Category dropdown display the word "Category" until a category is selected

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| Date | 10/21/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt:

Add a dropdown to "Tab 2" that displays the categories that have been added to "Tab 1". The dropdown in Tab 2 should be updated as soon as a Category has been added on Tab 1.

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| Date | 10/21/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt:

Change the name of the class from "TabPaneExample" to "Main"

Change the name of Tab 1 to System Admin

Change the name of Tab 2 to User Interface

In the "System Admin" tab (Previously "Tab 1"), the selected category in the dropdown should not change until the user selects a specific Category. Right now, it is changing whenever a new Category is added.

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| Date | 10/21/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt:

Add this package statement to the top of you code:

"package application;"

Prevent the user from closing any tabs.

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| Date | 10/21/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: Format this code using MVC (Model-View-Controller) Architecture.

Prompt: Add a button to set a buyer's premium on the System Admin Tab. This should be a percentage, stored as a double (ex: 50.00 translates to 50%, but is stored as 50.00)

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| --- | --- | --- | --- |
| Date | 10/24 | Team Member(s) | Bazil Ashfaq |
|  |  | AI Engine | ChatGPT |

Prompt: “How can I make the Category that is currently selected to display without removing the option to go back to the unselected option”

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| --- | --- | --- | --- |
| Date | 10/24 | Team Member(s) | Bazil Ashfaq |
|  |  | AI Engine | ChatGPT |

Prompt: “When I select a different category the other options disappear how can I fix this.”

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| Date | 10/24/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: Add a button to set a Seller's Commision as well. It is also a double. Do not print the buy'ers premium or the seller's commission to the console when they are set.

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| Date | 10/24/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: Add text in the user interface tab to display the buyer's premium and the seller's commission. Add spacing between the Category, Buyer's Premium, and the Seller's Commission on the System Admin tab. Shorten the text fields to enter the category, buyer's premium and the seller's commission so that they cover only 2/3 of the screen length rather than the full screen length on the System admin tab. Rename Tab 3 to be called "My profile".

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| Date | 10/27 | Team Member(s) | Roosevelt James |
|  |  | AI Engine | ChatGPT |

Prompt: how do I add these user stories to my auction system?

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| --- | --- | --- | --- |
| Date | 10/27 | Team Member(s) | Roosevelt James |
|  |  | AI Engine | ChatGPT |

Prompt: how do I fix VM arguments error, for eclipse using javafx project?

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| --- | --- | --- | --- |
| Date | 10/28 | Team Member(s) | Roosevelt James |
|  |  | AI Engine | ChatGPT |

Prompt: “Create issues for GitHub project for the todo, using these user stories”

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| --- | --- | --- | --- |
| Date | 10/30 | Team Member(s) | Bazil Ashfaq |
|  |  | AI Engine | ChatGPT |

Prompt: “Does this class need anything else or can it be improved.”

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| --- | --- | --- | --- |
| Date | 10/31/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: Add a button to list an item for sale on the "User inteface" tab. Clicking this button should open a new tab to create an item. The item must be specified as “new” or “used”. Items have a title, weight, description, category, and up to three tags, and each tag can contain up to 40 characters. The available categories for an item are any category that has been added via the "System Admin" Tab. You cannot add an item if no category has been created yet. The "Create Item" tab should be closed automatically once the item has been created

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| Date | 10/31/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: You stopped in the middle of writing your code, please continue where you left off

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| Date | 10/31/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: An item should have it's own class and should follow MVC architecture like the rest of the code does.

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| Date | 10/31/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: Clicking the "Create Item" button on the create item tab does not close the tab.

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| Date | 10/31/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: The "Weight" should accept a number (allowing decimals) and should pront the user to select between common measurements for weight, such as oz, grams, lbs, etc.

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| Date | 10/31/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: The window is a little too small, can you increase the size ?

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| --- | --- | --- | --- |
| Date | 10/31/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: Add a start and end date for the listed auction. The start date should automatically be filled in as the current date and time. The end date and time should be set by the user listing an item for sale. The user should have the option when creating an item to list a "Buy it now" price, in usd.

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| Date | 10/31/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: You stopped in the middle of writing code, please continue.

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| --- | --- | --- | --- |
| Date | 10/31/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: The end date can not be listed as before the start date. Make sure the user can not list the end date as anything before the current date and time

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| --- | --- | --- | --- |
| Date | 11/1 | Team Member(s) | Bazil Ashfaq |
|  |  | AI Engine | ChatGPT |

Prompt: “How can I make Item class be connected to the Category class”

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| --- | --- | --- | --- |
| Date | 11/2 | Team Member(s) | Bazil Ashfaq |
|  |  | AI Engine | ChatGPT |

Prompt: “Can you write tests that would effectively test every method in my Category class”

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| --- | --- | --- | --- |
| Date | 11/2 | Team Member(s) | Bazil Ashfaq |
|  |  | AI Engine | ChatGPT |

Prompt: “Can you write tests that would effectively test every method in my Item class”

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| --- | --- | --- | --- |
| Date | 11/3/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: Display any items that I have created onto the "My Profile" tab. Displayed Items should be sorted on ending date, soonest first, show item name, price, shipping cost, whether active or not, winning or current bid.

Also display all created items onto the "User Interface" tab, beneath the "Create Item" button. Allow the ability to scroll down the page if there are too many items listed. These items should be shown in chronological order based on ending date, i.e. soonest to end listed first.

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| Date | 11/3/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: The constructor ItemController(ItemView, ObservableList<Category>, TabPane, Tab) is undefined. The method getUserInterfaceItemsBox() is undefined for the type ItemView. The method getMyProfileItemsBox() is undefined for the type ItemView.

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| Date |  | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: The method getWeightUnitComboBox() is undefined for the type ItemView.

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| --- | --- | --- | --- |
| Date | 11/3/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: I am going to give you a few WIP classes. These classes are incomplete. The end result will mimic auctioning/online shopping services through a GUI application. Test classes are needed for methods with logic. Generate these JUnit test cases once I have told you that you have received all of the classes. Do not use Testfx.

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| Date | 11/3/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: Create the test classes without mockito

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| Date | 11/3/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: The test cases that you created are failling, despite the gui working as intented. Do you know what could be going wrong?

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| Date | 11/3/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: Do not use testfx

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| Date | 11/3/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: They are still failling :(

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| Date | 11/3/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: java.lang.ExceptionInInitializerError

at project/application.MainView.<init>(MainView.java:22)

at project/test.MainControllerTest.setUp(MainControllerTest.java:23)

at java.base/java.lang.reflect.Method.invoke(Method.java:580)

at java.base/java.util.ArrayList.forEach(ArrayList.java:1597)

at java.base/java.util.ArrayList.forEach(ArrayList.java:1597)

Caused by: java.lang.IllegalStateException: Toolkit not initialized

at javafx.graphics@23.0.1/com.sun.javafx.application.PlatformImpl.runLater(PlatformImpl.java:436)

at javafx.graphics@23.0.1/com.sun.javafx.application.PlatformImpl.runLater(PlatformImpl.java:431)

at javafx.graphics@23.0.1/com.sun.javafx.application.PlatformImpl.setPlatformUserAgentStylesheet(PlatformImpl.java:724)

at javafx.graphics@23.0.1/com.sun.javafx.application.PlatformImpl.setDefaultPlatformUserAgentStylesheet(PlatformImpl.java:686)

at javafx.controls@23.0.1/javafx.scene.control.Control.<clinit>(Control.java:98)

... 5 more

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| Date | 11/3/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: The errors have gone away :)

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| Date | 11/4/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: I am going to give you a few classes that I have been working on. After you have received all of the classes, I will ask you to fix an error for me.

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| Date | 11/4/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: The price is not being displayed correctly on the My Profile Tab. No items are being displayed on the User Interface Tab when an item is created.

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| Date | 11/4/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: Hide the buy it now price for items that do not have a buy it now price

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| --- | --- | --- | --- |
| Date | 11/4/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: I have gone over everything that you have asked me to look for already, but still no items are being displayed on the user interface tab. Please note, I only want items on the user interface tab to be displayed based on which category is selected at the top of the page. Only items in that category should be displayed. Currently, no items are being displayed

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| Date | 11/4/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: what should the completed maincontroller.java class look like?

11/5/2024

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| --- | --- | --- | --- |
| Date |  | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: I need a system test for each user story that I complete. These system tests should be purely descriptive, not acutally using any code. The first user story is just adding categories. Give me a few test cases for adding categories. Include a description, directions, and expected output.

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| Date | 11/5/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: Here is the next user story:

Set Sellers Commision

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| --- | --- | --- | --- |
| Date | 11/5/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: Here is the next user story:

Set Buyer Premium

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| --- | --- | --- | --- |
| Date | 11/5/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: You stopped typing early. please retype

|  |  |  |  |
| --- | --- | --- | --- |
| Date | 11/5/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: Next user story:

List Item

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| --- | --- | --- | --- |
| Date | 11/5/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: This is the next user story:

Show My Auctions (my profile tab)

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| Date | 11/5/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: items cannot be set to have an end date in the past

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| --- | --- | --- | --- |
| Date | 11/5/24 | Team Member(s) | Melissa Gutierrez |
|  |  | AI Engine | Copilot |

Prompt: Can you help me write a JUnit test for User 5

Can you help me fix this error:

java.lang.Error: Unresolved compilation problem:

at project/application.SystemTest6.initToolkit(SystemTest6.java:22)

at java.base/java.lang.reflect.Method.invoke(Method.java:578)

at java.base/java.util.ArrayList.forEach(ArrayList.java:1511)

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| Date | 11/5 | Team Member(s) | Roosevelt James |
|  |  | AI Engine | ChatGPT |

Prompt: i have some java classes that create an auction system,

when I’m done copying a pasting the classes can you write junit test in a separate class named sell commissions and buyer’s premium that is based off files from an xmal that has what to test.

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| Date | 11/5 | Team Member(s) | Roosevelt James |
|  |  | AI Engine | ChatGPT |

Prompt: don't use testfx framwork and use @BeforeAll static void initToolkit() throws Exception { CountDownLatch latch = new CountDownLatch(1); Platform.startup(() -> { // No need to do anything here latch.countDown(); }); latch.await(); }

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| Date | 11/6/24 | Team Member(s) | Melissa Gutierrez |
|  |  | AI Engine | Copilot |

Prompt: Set me up to start JUnit testing for user 6

Can you help I'm getting this error:

java.lang.Error: Unresolved compilation problem:

at project/application.SystemTest6.initToolkit(SystemTest6.java:22)

at java.base/java.lang.reflect.Method.invoke(Method.java:578)

at java.base/java.util.ArrayList.forEach(ArrayList.java:1511)

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| Date | 11/6/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: I have the attached test class. It is giving me the following error:

java.lang.Exception: JavaFX initialization took too long

at project/test.SystemTest5.initToolkit(SystemTest5.java:27)

at java.base/java.lang.reflect.Method.invoke(Method.java:580)

at java.base/java.util.ArrayList.forEach(ArrayList.java:1597)\

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| Date | 11/6/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: Caused by: java.lang.IllegalAccessException: class com.sun.javafx.application.LauncherImpl (in module javafx.graphics) cannot access class test.SystemTest5 (in module project) because module project does not export test to module javafx.graphics

at java.base/jdk.internal.reflect.Reflection.newIllegalAccessException(Reflection.java:398)

at java.base/java.lang.reflect.AccessibleObject.checkAccess(AccessibleObject.java:709)

at java.base/java.lang.reflect.Constructor.newInstanceWithCaller(Constructor.java:495)

at java.base/java.lang.reflect.Constructor.newInstance(Constructor.java:486)

at javafx.graphics@23.0.1/com.sun.javafx.application.LauncherImpl.lambda$launchApplication1$8(LauncherImpl.java:795)

at javafx.graphics@23.0.1/com.sun.javafx.application.PlatformImpl.lambda$runAndWait$12(PlatformImpl.java:483)

at javafx.graphics@23.0.1/com.sun.javafx.application.PlatformImpl.lambda$runLater$10(PlatformImpl.java:456)

at java.base/java.security.AccessController.doPrivileged(AccessController.java:400)

at javafx.graphics@23.0.1/com.sun.javafx.application.PlatformImpl.lambda$runLater$11(PlatformImpl.java:455)

at javafx.graphics@23.0.1/com.sun.glass.ui.InvokeLaterDispatcher$Future.run(InvokeLaterDispatcher.java:95)

at javafx.graphics@23.0.1/com.sun.glass.ui.win.WinApplication.\_runLoop(Native Method)

at javafx.graphics@23.0.1/com.sun.glass.ui.win.WinApplication.lambda$runLoop$3(WinApplication.java:184)

... 1 more

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| --- | --- | --- | --- |
| Date | 11/7/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: I am going to send you some classes that I have been working on. I need you to develop system tests for the user story "Add Category". I will let you know when you have every class needed to develop the coded system tests. do not use testfx or mockito.

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| --- | --- | --- | --- |
| Date | 11/7/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: java.lang.ExceptionInInitializerError at project/application.MainView.<init>(MainView.java:24) at project/test.SystemTest1.setUp(SystemTest1.java:19) at java.base/java.lang.reflect.Method.invoke(Method.java:580) at java.base/java.util.ArrayList.forEach(ArrayList.java:1597) at java.base/java.util.ArrayList.forEach(ArrayList.java:1597) Caused by: java.lang.IllegalStateException: Toolkit not initialized at javafx.graphics@23.0.1/com.sun.javafx.application.PlatformImpl.runLater(PlatformImpl.java:436) at javafx.graphics@23.0.1/com.sun.javafx.application.PlatformImpl.runLater(PlatformImpl.java:431) at javafx.graphics@23.0.1/com.sun.javafx.application.PlatformImpl.setPlatformUserAgentStylesheet(PlatformImpl.java:724) at javafx.graphics@23.0.1/com.sun.javafx.application.PlatformImpl.setDefaultPlatformUserAgentStylesheet(PlatformImpl.java:686) at javafx.controls@23.0.1/javafx.scene.control.Control.<clinit>(Control.java:98) ... 5 more

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| --- | --- | --- | --- |
| Date | 11/7/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: I am going to give you a few classes that I have been working on. I need you to create JUnit system tests without using testfx or mockito for the user story "List Item". I will let you know when you have all of the necessary classes.

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| --- | --- | --- | --- |
| Date | 11/7/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: The tests are freezing after triggering an alert during the first test

|  |  |  |  |
| --- | --- | --- | --- |
| Date | 11/7/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: I am going to send you some classes that I have been working on. I need you to develop system tests for the user story "Add Category". I will let you know when you have every class needed to develop the coded system tests. do not use testfx or mockito.

|  |  |  |  |
| --- | --- | --- | --- |
| Date | 11/7/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: java.lang.ExceptionInInitializerError

at project/application.MainView.<init>(MainView.java:24)

at project/test.SystemTest1.setUp(SystemTest1.java:19)

at java.base/java.lang.reflect.Method.invoke(Method.java:580)

at java.base/java.util.ArrayList.forEach(ArrayList.java:1597)

at java.base/java.util.ArrayList.forEach(ArrayList.java:1597)

Caused by: java.lang.IllegalStateException: Toolkit not initialized

at javafx.graphics@23.0.1/com.sun.javafx.application.PlatformImpl.runLater(PlatformImpl.java:436)

at javafx.graphics@23.0.1/com.sun.javafx.application.PlatformImpl.runLater(PlatformImpl.java:431)

at javafx.graphics@23.0.1/com.sun.javafx.application.PlatformImpl.setPlatformUserAgentStylesheet(PlatformImpl.java:724)

at javafx.graphics@23.0.1/com.sun.javafx.application.PlatformImpl.setDefaultPlatformUserAgentStylesheet(PlatformImpl.java:686)

at javafx.controls@23.0.1/javafx.scene.control.Control.<clinit>(Control.java:98)

... 5 more

|  |  |  |  |
| --- | --- | --- | --- |
| Date | 11/7/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: I am going to give you a few classes that I have been working on. I need you to create JUnit system tests without using testfx or mockito for the user story "List Item". I will let you know when you have all of the necessary classes.

|  |  |  |  |
| --- | --- | --- | --- |
| Date | 11/7/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: Create more test cases

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| --- | --- | --- | --- |
| Date | 11/7/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: The tests are freezing after triggering an alert during the first test

|  |  |  |  |
| --- | --- | --- | --- |
| Date | 11/7/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: I am going to give you a few classes that I have been working on, then I will give you an issue that I am facing.

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| Date | 11/7/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: The issue that I am having is that I need the items to be removed from the "User Interface" tab when their end date is passed in real time.

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| --- | --- | --- | --- |
| Date | 11/7/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: On the profile tab, when an item's end date is passed, 'Active: Yes' should be updated to 'Active: No'

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| Date | 11/7/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: The item is not updated until the user switched category. It should be removed from the user interface tab whether the user switches category or not

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| Date | 11/20/2024 | Team Member(s) | Bazil Ashfaq |
|  |  | AI Engine | ChatGPT |

Prompt: “What are all the things I can test for to cover every possibility of the buyer report”

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| Date | 11/23/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: I have a system that is imitating an auctioning system. One part of this auctioning system is an Item class, which has an end-date. Once this end-date passes in realtime, my thread is supposed to update the view so that those items are no longer listed for sale. I have the thread running every second, but the items are not actually being removed until the user switches to a different category, and then back to the original category. In addition to this, the item itself is not actually set as inactive, which is what I would like. If I give you the releant classes, can you point me in the right direction?

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| Date | 11/23/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: I do not actually want items removed form the observable list of items at any point. I simply want items that are inactive to not be displayed on the user interface page

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| Date | 11/23/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: I believe the stream is not working correctly. It is supposed to update the views everysecond, but the views are not actually being updated unless the user switches between categories. Could you find out the issue with just these classes, or do you need the views as well?

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| Date | 11/23/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: I would like for all concluded auctions to be listed under the System admin page in its own section labeled "Concluded auctions". It should also update every second. It should be under all buttons, textfields, etc. that are already on that tab. Do you need more classes to implement this, or do you have all that you need?

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| Date | 11/24/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: I need to convert the alerts in these classes into displayed red text. As in, once the user does somethign that should trigger an alert, instead it should display red text above whatever button or text field triggered the error. Could you lead me in the right direction?

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| Date | 11/24/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: This is mostly good, but on the user interface tab, when the error is received that a cateogry must be created first before an item can be created, the error never disappears. Can you make it disappear whenever the user switches tabs/ clicks a different button/ etc.

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| Date | 11/24/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: This is great! but is it possible to make not just the text disappear when an alert is not meant to be triggered, but the entire text field? The weird gaps that they are leaving are pretty ugly

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| Date | 11/24/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: The issue I am facing is that on the user interface page, the error messages are appearing as intended, but on the system admin page, the error messages are not appear, I am not even bale to create categories or set premiums etc. anymore

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| Date | 11/24/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: what I need is the ability to "bid" on an item. So, once an item is added, There should be a field to enter a double (money) and a "Place bid" option.

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| Date | 11/24/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: I'm having an interesting problem under the maincontroller class. I currently have a thread updating the list of items every second. Once the list of items is updated, if I am currently typing in a bid on an item, the item will be updated the next second, and my bid will be cleared if I do not click "Place bid" in time. I am wondering if maybe the best solution would be to keep track of the item whose end-date is coming up the soonest, and to (instead of updating the list every second) only update the list once that time has passed. Do you think this could work? Or is there a better solution?

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| Date | 11/24/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: This is closer, but it's not there yet. Here is a problem I'm having:When an item's end-date has passed, The thread does not actually change it's scheduled time. Essentially, it is not ever running FROM WHAT I CAN TELL.Do you think I'm correct, or is this wrong?

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| Date | 11/27/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: I need you to help me generate \*written\* system tests, non-coded. These sytem tests should imitate what a user should do to receive an expected outcome. Here is a better description: "4. You are required to define system tests that test each of the user stories. Each user story should be tested in as many sets of circumstances as needed to verify that your implementation is robust. These serve as directions for manual tests that are run through the GUI. "Make sure to include:The User Sotry Title (I will provide this to you)The Test NumberA Brief Description of the testDirections to complete the testThe expected outcomeThe first user story that I need you to complete is "Bid on Item". These tests should make sure that a user can place a bid on an item.

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|  |  | AI Engine | Copilot |

Prompt: Next user story is "Show My Bids"

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| Date | 11/27/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: Code the JUnit test cases you gave me for the first user story. Do not use Testfx or Mockito please. Thank you

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| Date | 11/27/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: java.lang.ExceptionInInitializerError

at project/application.MainView.<init>(MainView.java:32)

at project/test.SystemTest7.setUp(SystemTest7.java:23)

at java.base/java.lang.reflect.Method.invoke(Method.java:580)

at java.base/java.util.ArrayList.forEach(ArrayList.java:1597)

at java.base/java.util.ArrayList.forEach(ArrayList.java:1597)

Caused by: java.lang.IllegalStateException: Toolkit not initialized

at javafx.graphics@23.0.1/com.sun.javafx.application.PlatformImpl.runLater(PlatformImpl.java:436)

at javafx.graphics@23.0.1/com.sun.javafx.application.PlatformImpl.runLater(PlatformImpl.java:431)

at javafx.graphics@23.0.1/com.sun.javafx.application.PlatformImpl.setPlatformUserAgentStylesheet(PlatformImpl.java:724)

at javafx.graphics@23.0.1/com.sun.javafx.application.PlatformImpl.setDefaultPlatformUserAgentStylesheet(PlatformImpl.java:686)

at javafx.controls@23.0.1/javafx.scene.control.Control.<clinit>(Control.java:98)

... 5 more

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| Date | 11/27/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: java.lang.IllegalStateException: Toolkit already initialized

at javafx.graphics@23.0.1/com.sun.javafx.application.PlatformImpl.startup(PlatformImpl.java:186)

at javafx.graphics@23.0.1/javafx.application.Platform.startup(Platform.java:116)

at project/test.SystemTest7.initToolkit(SystemTest7.java:25)

at java.base/java.lang.reflect.Method.invoke(Method.java:580)

at java.base/java.util.ArrayList.forEach(ArrayList.java:1597)

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| Date | 11/27/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: The toolkit is already initailized. That fix doesn't work : p. I need you to use Platfor.runLater

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| Date | 11/27/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: Your tests are not exactly how I would appreciate them to be (sorry). I do not want you to manually add things, such as categories.add(category) and items.add(item). These system tests should simulate how an actual user should go through the system, so for adding a category you must change the text in the textfield for a category to the category name (mainView.getCategoryInput().setText(categoryName);) and then press the AddButton (mainView.getAddButton().fire();)

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| Date | 11/28/2024 | Team Member(s) | Hudson Bowen |
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Prompt: How can I get the number of HBoxes in a tab in JavaFX

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| Date | 11/28/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: how do i count that for specifically one of the tabs in the pane?

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| Date | 11/28/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: count hboxes in a node

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| Date | 11/28/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: how to change localdatetime

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| Date | 11/28/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: How would you go about making a system whose time can be set to something else? I am traying to do LocalDateTime time = LocalDateTime.now(), but it is not workign as expected.

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| Date | 11/28/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: what is an instant?

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| Date | 11/28/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: If I want a system to run based on the current time, what is the issue with storing LocalDateTime.now() in a LocalDateTime variable?

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| Date | 11/28/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: how would i implement a clock?

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| Date | 11/28/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: why did you say fixedclock? can it not be changed?

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| Date | 11/28/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: if I want a custom time that is not fixed, what would be best?

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| Date | 11/28/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: does this clock move forward one second every second?

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| Date | 11/28/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: why do you have 0, 1000? does this only run 100 times?

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| Date | 11/28/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: how should I change the time on my system so that it copies the current time and stores it in a clock, but continues to progress every second?

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| Date | 12/01/2024 | Team Member(s) | Bazil Ashfaq |
|  |  | AI Engine | ChatGPT |

Prompt: “the indidvial test passed but im getting this issue with the overarching test WARNING: Unsupported JavaFX configuration: classes were loaded from 'unnamed module @3e6fa38a'Exception in thread "JavaFX Application Thread" java.lang.NullPointerException: Cannot invoke "application.SystemClock.getTime()" because "this.clock" is nullatapplication.Item.checkAndSetInactive(Item.java:147)at application.MainController.checkAndUpdateItems(MainController.java:249)at SystemTest11.lambda$testGenerateSellerReport$10(SystemTest11.java:71)”

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| Date | 12/1/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: I have a combobox and the following method:public void updateConcludedAuctionsDisplay() { view.getConcludedAuctionsBox().getChildren().clear(); for (Item item : items) { if (!item.isActive()) { HBox itemBox = new HBox(10); itemBox.getChildren().add(new Label("Title: " + item.getTitle())); if (item.getBuyItNowPrice() != null) { itemBox.getChildren().add(new Label("Buy It Now Price: $" + item.getBuyItNowPrice())); } itemBox.getChildren().addAll( new Label("Weight: " + item.getWeight()), new Label("Active: " + (item.isActive() ? "Yes" : "No")), new Label("Current Bid: $" + item.getCurrentBid()), new Label("End-date: " + item.getEndDate()) ); view.getConcludedAuctionsBox().getChildren().add(itemBox); itemBox.toBack(); } } }The issue I am facing is that I only want to display the item if the item's category is the same as the category in the combobox

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| Date | 12/1/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: how can I run this method when the selected cateegory changes?

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| Date | 12/04/2024 | Team Member(s) | Bazil Ashfaq |
|  |  | AI Engine | ChatGPT |

Prompt: “the updatebidHistory wont update when the user places a new bid i think it wont connect to the view

liveBidHistoryBox = new VBox(10); Label liveBidHistoryLabel = new Label("Live Bid History)”

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| Date | 12/07/2024 | Team Member(s) | Bazil Ashfaq |
|  |  | AI Engine | ChatGPT |

Prompt: “is there a simpler way to save categories in my gui so that i can load them back up”

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| Date | 12/11/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: I am going to give you two classes, then a wip test class

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| Date | 12/11/2024 | Team Member(s) | Hudson Bowen |
|  |  | AI Engine | Copilot |

Prompt: Exception in thread "JavaFX Application Thread" java.lang.NullPointerException: Cannot invoke "application.AuctionSystemController.getCategories()" because "this.controller" is null at project/test.AuctionSystemControllerTest.lambda$2(AuctionSystemControllerTest.java:62) at javafx.graphics@23.0.1/com.sun.javafx.application.PlatformImpl.lambda$runLater$10(PlatformImpl.java:456) at java.base/java.security.AccessController.doPrivileged(AccessController.java:400) at javafx.graphics@23.0.1/com.sun.javafx.application.PlatformImpl.lambda$runLater$11(PlatformImpl.java:455) at javafx.graphics@23.0.1/com.sun.glass.ui.InvokeLaterDispatcher$Future.run(InvokeLaterDispatcher.java:95) at javafx.graphics@23.0.1/com.sun.glass.ui.win.WinApplication.\_runLoop(Native Method) at javafx.graphics@23.0.1/com.sun.glass.ui.win.WinApplication.lambda$runLoop$3(WinApplication.java:184) at java.base/java.lang.Thread.run(Thread.java:1570)

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| Date | 12/11/2024 | Team Member(s) | Bazil Ashfaq |
|  |  | AI Engine | ChatGPT |

Prompt: “What are the possibilities I can test looking at my SellerReport”