Mini Market Use Cases

By Caffeine Overflow

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Searching for items

By Database ID

Basic course: App displays all of the Listings associated with the ID that is associated in the Database.

Alternative courses:

No items with the associated ID: App displays a blank page with a message stating that there are no items associated with the ID entered

ID is invalid: App displays a popup message that the ID the user input is invalid and asks the user to enter another ID that follows the rules of ID’s

By Date

Basic course: App displays all of the Listings associated with the date entered.

Alternative courses:

No Listings with the associated date: App displays a blank page with a message stating that there are no items with the associated listing date.

Date is invalid: App displays a popup message stating that the input id is invalid and asks the user to enter another valid date.

By name

Basic course: Webpage displays all of the items associated with the name entered by the user.

Alternative courses:

No items with the associated name: Displays a blank page with a message stating that there are no items for the specified name.

Name is invalid: App displays a popup stating that the name input by the user is invalid and asks the user to enter another valid name.

By item type

Basic course: User selects one or more of the Available built in Item types. App displays all of the Listings associated with these selected item types on the page.

Alternative courses:

No items with the associated type: Displays a blank page with a message stating that there are no items associated with the specified type.

Type is invalid: App displays that there has been an unforeseen error and asks the user to refresh the page and/or select a different associated type.

By campus

Basic course: User selects one of the Available built in Campuses. App displays all of the listings associated with the campus listing.

Alternative courses:

No items with the associated campus: Displays a blank page with a message stating that there are no listings associated with the specified campus.

Campus is invalid: App displays that there has been an unforeseen error and asks the user to refresh the page and/or select a different associated type.

Multiple Campuses are selected: App displays that there has been an unforeseen error and asks the user to refresh the page and/or select a different associated type.

Posting items

Add item

Basic course: The App displays the “add item” page. The user adds photos of the item, a description of the item, and the condition the item is in. The user chooses the item type and the campus associated with this listing. The user clicks “post item” and lists the item on the webpage.

Alternative courses:

Part of the listing has not been filled out: The App displays a popup message informing the user that the listing must be completely filled out before submitting to the webpage.

The App cannot post the listing at that time: The App displays a popup message asking the user to refresh this page and try again at a later time.

Delete item

Basic course: The user clicks “delete item” at the bottom of the Listing’s page. The App displays a popup message, confirming that the item is to be deleted. The user confirms this and the App removes the Listing from the website.

Alternative courses:

User clicks cancel: The App closes the notification and keeps the Listing available for other users to see.

Item cannot be deleted at the time: The App alerts the user that the item cannot be deleted at that moment. The popup message suggests trying again at a different time or refreshing the page.

Selecting item-type when listing

Basic course: The user selects the category the item falls under from a list of predetermined categories.

Alternative courses:

Item type is left blank: The App displays a popup message notifying the user that they must select a category for the item type in order to proceed with the listing.

Item type is not listed: The user is able to select the “Other” listing type which is for all item types not directly supported.

Add pictures

Basic course: The user clicks on the “add photos” button. The user adds up to 5 pre-taken photos of the item from their device. The user formats the images as they wish and submit the photos onto the listing.

Alternative courses:

User includes no photos: The App alerts the user that they did not include a photo of the item they are trying to post and that the image will be shown with a default image.

Photo is too large: The App downsizes the photos to an appropriate size.

Add description

Basic course: The user adds a description of the item up to 500 characters.

Alternative courses:

Item description is over 500 characters: The App notifies the user to shorten their description in order to meet the character limit in order to proceed.

Item description is blank: The App notifies the user that there must be a description of the item in order to list the item.

Add condition

Basic course: The user selects the condition of the item from a predetermined list of choices.

Alternative courses:

Item condition is blank: The App notifies the user that the item condition must be chosen in order to proceed.

Messaging

Inbox

Basic course: The user opens the messaging portion of the website. The user can see the list of contacts that they have exchanged messages with. Clicking on a user opens up the chat history between the two users.

Alternative courses:

User has no contacts: The App displays a message saying that the user has no current contacts.

Delete from Inbox

Basic course: App removes the contact and the messaging history from the users’ Inbox.

Alternative courses:

Unable to find message: The App displays an “Unable to find message” Error code popup.

No Contacts in your Inbox: The App displays a message saying that the user has no current contacts.

Create new chat

Basic course: App adds the requested user to their Inbox list

Alternative courses:

User is unable to be found: App displays an error popup that there isn’t an account associated with that email.

Connection error while creating chat session: App won’t create a chat session and will display a connection error popup stating that the user should check their connection and try again later.

Account

Login

Basic course: The App displays the login page. The user enters their email address and password and selects the “Login” button to sign into the website.

Alternative courses:

Email is not registered: The App notifies the user that their email is not registered in the database.

Password is incorrect: The App notifies the user that either their username or password is incorrect.

Log out

Basic course: The user clicks the “logout” button. The App disconnects the user from their session and logs the user out of the App.

Alternative courses:

App cannot connect to database: The App alerts the user that they cannot log out currently. The app suggests to refresh the page and to try again.

User Times Out: The App forcibly logs the user out and has them log back in if the user is connected for too long.

Create an account

Basic course: The App displays the “create an account” page. The user inputs their email address, name, current residing campus, and a new password for the account. The App sends an email to the potential PSU Email and waits for the user to enter the verification code, and verifies their password meets the requirements for security and creates a new account.

Alternative courses:

Password is not strong enough: The App notifies the user that they must meet the requirements for their password.

Email is not a PSU email: The app notifies the user that they must enter a PSU sanctioned email in order to make an account.

Email already exists: The app alerts the user that the email is already in use.

Code doesn’t match App side code: The App states that the code the user entered is incorrect or invalid and recommends the user to select the “Send code again” button.

Verify email

Basic course: App sends an email to the email address the user put in with a random code & have them enter the random code within 5 minutes

Alternative courses:

Incorrect Code: User gets notified that the code was incorrect and gets sent a new code while invalidating the previous code.

Time elapsed is longer than 5 minutes: App invalidates the code.

Rating a user

Basic course: App stores the average score of a user and total number of reviews. This is displayed next to the name of each user under each Listed item.

Alternative courses:

Zero reviews: App displays a 0 star average