Pseudo-code for Media page.

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| --- | --- |
| Page Title: | Media Page |
| Variables: | searchQuery = String, searchButtonPressed = boolean, pageNumberButton = 1: int, seriesID = int, maxSeriesID = int, user : generic user, noMatchCount = int |
| Pseudo-code: | IF (searchButtonPressed EQUALS false AND pageNumberButton EQUALS 1) { |
|  | pull series with ID's 1 - 4 and place the relevant info in each of the panels |
|  | } ELSE IF (searchButtonPressed EQUALS false AND pageNumberButton EQUALS 2) { |
|  | pull series with ID's 5 - 8 and place the relivant info in each of the pannels |
|  | } ELSE IF (searchButtonPressed EQUALS false AND pageNumberButton EQUALS 3) { |
|  | pull series with ID's 9 - 12 and place the relivant info in each of the pannels |
|  | } ELSE IF (searchButtonPressed EQUALS true AND searchQuery is populated) { |
|  | check if each series has appropriate data based on the searchQuery |
|  | FOR (seriesID = 1, until seriesID EQUALS maxSeriesID LOOP, increment seriesID by 1 each itteration) { |
|  | IF (series has appropriate data) { |
|  | pull the series ID('s) and display one series per pannel |
|  | } ELSE { |
|  | noMatchCount = noMatchCount + 1 |
|  | IF (noMatchCount == maxSeriesID) { |
|  | OUTPUT to screen "No matches to search please try again." |
|  | } END IF |
|  | } END ELSE IF |
|  | } END FOR LOOP |
|  | } END ELSE IF |

Pseudo-code for Products page.

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| Page Title: | Products Page |
| Variables: | searchQuery = String, searchButtonPressed = boolean, pageNumberButton = 1: int, productID = int, maxProductID = int, user : generic user, noMatchCount = int |
| Pseudo-code: | IF (searchButtonPressed EQUALS false AND pageNumberButton EQUALS 1) { |
|  | pull products with ID's 1 - 4 and place the relevant info in each of the panels |
|  | } ELSE IF (searchButtonPressed EQUALS false AND pageNumberButton EQUALS 2) { |
|  | pull products with ID's 5 - 8 and place the relivant info in each of the pannels |
|  | } ELSE IF (searchButtonPressed EQUALS false AND pageNumberButton EQUALS 3) { |
|  | pull products with ID's 9 - 12 and place the relivant info in each of the pannels |
|  | } ELSE IF (searchButtonPressed EQUALS true AND searchQuery is populated) { |
|  | check if any products have appropriate data based on the searchQuery |
|  | FOR (productID = 1, until productID EQUALS maxProductID LOOP, increment productID by 1 each itteration) { |
|  | IF (product has appropriate data) { |
|  | pull the product ID('s) and display one product per pannel |
|  | } ELSE { |
|  | noMatchCount = noMatchCount + 1 |
|  | IF (noMatchCount == maxProductID) { |
|  | OUTPUT to screen "No matches to search please try again." |
|  | } END IF |
|  | } END ELSE IF |
|  | } END FOR LOOP |
|  | } END IF |

Pseudo-code for Cart page.

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| --- | --- |
| Page Title: | Cart Page |
| Variables: | userSignInToken = boolean, cartSlotID = int, maxItems = int: 5, itemNum = int, maxCartSlotID = int |
| Pseudo-code: | IF (userSignInToken EQUALS false) { |
|  | Redirect user to sign in page |
|  | } ELSE IF (userSignInToken EQUALS true) { |
|  | User proceeds to Cart page |
|  | } END IF |
|  | FOR (cartSlotID = 1, until cartSlotID EQUALS maxCartSlotID LOOP, increment cartSlotID by 1) { |
|  | IF (itemNum > maxItems) { |
|  | itemNum set back to 5 |
|  | OUTPUT in pop-up “You may only have a max of 5 of any type of item in a transaction” |
|  | } ELSE { |
|  | Proceed with transaction |
|  | } END IF |

Pseudo-code for Sign In and Sign Up page.

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| Page Title: | Sign In and Sign Up Page |
| Variables: | storedUsernames = String, enteredUsername = String, storedPassword = String, enteredPassword = String, storedEmails = String, enteredEmail = String |
| Pseudo-code: | IF (enteredUsername EQUALS storedUsernames AND enteredPassword EQUALS enteredPassword) { |
| Sign In | Sign the user in |
|  | } ELSE IF (enteredUsername NOT EQUALS storedUsername OR enteredPassword NOT EQUALS storedPassword) { |
|  | DO NOT sign in user and OUTPUT “Warning username or password incorrect, try again” |
|  | } END IF |
|  |  |
| Sign Up | IF (enteredUsername EQUALS storedUsername) { |
|  | OUTPUT “This username is already taken please try another” |
|  | } ELSE IF (enteredEmail EQUALS storedEmail) { |
|  | OUTPUT “This email is already tied to another account please try again” |
|  | } ELSE IF (enteredUsername NOT EQUALS storedUsername AND enteredEmail NOT EQUALS storedEmail) { |
|  | Store all information submitted and create account based on username and password |
|  | } END IF |
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Pseudo-code for Forum page.

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| --- | --- |
| Page Title: | Forum Page |
| Variables: | userSignInToken = boolean, topicID = int, lastTopicID = int, searchQuery = String, searchButtonPressed = boolean, noMatchCount = int |
| Pseudo-code: | IF (userSignInToken EQUALS false) { |
|  | Redirect user to sign in page |
|  | } ELSE IF (userSignInToken EQUALS true) { |
|  | User proceeds to Chat page |
|  | } END IF |
|  | IF (searchButtonPressed EQUALS true AND searchQuery is populated) { |
|  | check if any topics have appropriate data based on the searchQuery |
|  | FOR (topicID = 1, until topicID EQUALS lastTopicID LOOP, increment topicID by 1 each itteration) { |
|  | IF (topic has appropriate data) { |
|  | pull the topic ID('s) and display one topic per pannel |
|  | } ELSE { |
|  | noMatchCount = noMatchCount + 1 |
|  | IF (noMatchCount == lastTopicID) { |
|  | OUTPUT to screen "No matches to search please try again." |
|  | } END IF |
|  | } END ELSE IF |
|  | } END FOR LOOP |
|  |  |

Pseudo-code for More Product Info page.

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| --- | --- |
| Page Title: | More Product Info Page |
| Variables: | userSignInToken = boolean, maxItems = int: 5, itemNum = int |
| Pseudo-code: | IF (userSignInToken EQUALS false) { |
|  | Redirect user to sign in page |
|  | } ELSE IF (userSignInToken EQUALS true) { |
|  | User proceeds to More Product Info page |
|  | } END IF |
|  |  |
|  | IF (itemNum > maxItems) { |
|  | itemNum set back to 5 |
|  | OUTPUT in pop-up “You may only have a max of 5 of any type of item in a transaction” |
|  | } ELSE { |
|  | Proceed with transaction |
|  | } END IF |