ArtMoments Art Gallery Website

# Website sitemap

## Description

* We have 3 sitemaps, one is for logged-in artists, one is for logged-in customers, one is for guests (people who are not logged-in).
* As per requested, we have combined them into one sitemap for ease of viewing. Note that parenthesis “*()*” denote which type of user can access that particular section.

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| * Homepage   + Browse *(Logged-in customer)*     - Painting     - Photography     - Digital Arts     - Prints     - Order Art   + Client *(Logged-in customer)*     - Shopping Cart     - Order History     - Wishlist     - Payment     - Receipt   + Product Management *(Logged-in artist)*     - Add Product     - Product List     - Order List   + Account *(Logged-in artist & customer)*     - Account Management     - Account Presentation     - Account Settings     - Change Password   + Account Sign-up/Login *(Guest only, not logged-in)*     - Login Page     - Sign-up |

# User Control

## User Control 1: AdRectangle

Purpose: For code reusability & maintenance on layout.

Used in: Homepage.aspx (4 times)

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| Example: Homepage.aspx |
| Implementation example (in Homepage.aspx) |

## User Control 2: ArtworkHistory

Purpose: For customization without having to rewrite the whole control. For everyone (in HomePage.aspx), it will display all artist’s artwork. For artists (inside ProductList.aspx), it will only display artworks that are not done by the logged in artist.

File: AdRectangle.ascx

Used in: Homepage.aspx & ProductList.aspx

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| Example 1 (in HomePage.aspx) | Example 2 (in ProductList.aspx, for artist only): Notice that since the author is the author of “Nyan Cat”, it won’t be displayed under “Competitor’s inspiration”. |
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| Example implementation (ProductList.aspx) | |

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## User Control 3: UserStatus

To display user status. If logged in, will display username & account type. If not, it will welcome guests.

File: UserStatus.ascx

Used in: Artist1.Master, Customer1.Master, General.Master

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| Example (guest): | Example (seller): |
| Example Implementation (in Artist1.Master): | |

# Exception handling cases & test cases

For exception handling, we use: **Custom Error Page.**

We have 3 error pages, which are: AccessDenied.aspx (for accessing without authorization), FileNotFound.aspx (for files not found on server), and GeneralError.aspx (for everything else)

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| **Test Case 1:** To check if AccessDenied.aspx is triggered when a buyer tries to access artist website | Result: PASS |
| Steps:   1. Start the application (log-out if logged in) 2. Change the link from “<https://localhost:44367/Sites/general/HomePage.aspx>” to “<https://localhost:44367/Sites/artist/ProductList.aspx>” 3. Access denied page is displayed | Image: |

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| **Test Case 2:** To check if FileNotFound.aspx is triggered when user attempts to visit a page which does not exist | Result: PASS |
| Steps:   1. Start the application (log-out if logged in) 2. Change the link from “<https://localhost:44367/Sites/general/HomePage.aspx>” to “[https://localhost:44367/Sites/general/Page.aspx](https://localhost:44367/Sites/artist/ProductList.aspx)” 3. 404 page is displayed | Image: |

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| **Test Case 3:** To check if GeneralError.aspx works when database query is invalid | Result: PASS |
| Steps:   1. Start the application (log-out if logged in) 2. Change the value of SelectCommand in dsProdList to “SELECT” 3. Login as seller, click the “Product” button on the top navigation bar 4. Error message is displayed | Image: |

# How inputs are validated.

One example each of every AspValidation that we applied.

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| 1. Compare Validator |
| Compare validation is applied to the password and confirm password to make sure that the new password entered by the user is matched.  File: ChangePassword.aspx |
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| 1. Range Validator |
| Range Validator is applied to month expiration field to make sure the month entered by user is within 1 to 12 because one year only has 12 months  File: Payment.aspx |
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| 1. Regular Expression Validator |
| Regular Expression Validator is applied to name, contact number, card number and security code to make sure the user has entered valid input. If the user chooses a Mastercard as his payment method, his card number should start with 5 and consist of 16 digits. For a visa card, his card number should start with 4 and consist of 16 digits as well. While for contact number, our website is just accept Malaysia mobile number so should be start with 601 and follow with 7 digits.  File: Payment.aspx |
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| 1. Required Field Validator |
| Required Field Validator is applied for every fields in Payment Page to make sure user fill up their delivery and payment information  File: Payment.aspx |
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| 1. Inline aspx Javascript Validation |
| File: Cart.aspx     |  | | --- | | <asp:TextBox ID="txtboxQty" runat="server" Width="55px" onkeypress="numValid(event);" onfocusout="qtyValid();" class="txtboxQtyClass">1</asp:TextBox> |   This inline javascript validation is the client-side validation that the validation is not processed through the server. This validation is carried out in the Cart.aspx for the text box used for the input of the quantity of the artwork by the buyer. This validation will check towards the validity of the input type entered by the user through the numValid(evt) function. For the qtyValid() function, it is used to check towards the minimum and maximum number of artwork a buyer can buy. |

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| 1. Validation Summary |
| The validation summary is used to show what issues the system encountered while trying to validate the user’s input. |

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