**Test Case VS00001**

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| **Test Case Name/ ID** | VS00001 | **Software Name/ Version** | **Chomp Sci 1.0** |
| **Revision Date** | 04/17/2023 | **Last Author** | **Robert Caplin** |
| **Requirements** | R1. The chatbot should work on modern browsers. | | |

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| **Pre-test Data/ Scripts** | N/A |
| **Post-test Output** | N/A |

**Test pre-requisites and setup notes:**

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| A URL pointing to the Chomp Sci test webserver. |

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|  | **Step Description** | **Expected Result** | **Actual Result** |
|  | Navigate to the Chomp Sci test webserver. Record the URL used for testing. | You can access the Chomp Sci project page and load it in your browser. | Used URL chompsci.com. I can access the page and load it in my browser. |
|  | A button to open the chat widget is visible at the bottom right corner of the browser window. A call to action “Try it now!” tag is also visible above the button.   NOTE: The call to action will not be displayed after opening the chat widget. If you do not see the call to action, refresh the page. | The button to open the chat widget is visible at the bottom right of the browser window. The “Try it now!” tag is visible above the button before opening the chat widget. | The button and the tag are visible. |
|  | Open the Chomp Sci chat widget by clicking the button at the bottom right of the browser window. | You can open the Chomp Sci chat widget. | I can open the chat widget. |
|  | Verify that the button at the bottom right of the browser window changes, indicating that clicking it will close the widget. | The button to close the chat widget is visible at the bottom right of the browser window. | The close button is visible. |
|  | Close the chat widget by clicking the button at the bottom right of the browser window. | The chat widget closes, the button at the bottom right of the browser window reverts back to the open button. The call to action tag, “Try it now!”, is no longer visible. | The chat closes and the tag is no longer visible. The button also reverts back to the original open button. |
|  | Open the chat widget by clicking the button at the bottom right of the browser window. | You can open the Chomp Sci chat widget. | I am able to open the chat widget. |
|  | Type the following into the text entry field at the bottom of the widget, then click the “send” button to its right:   “hello” | Your message, “hello”, should display in the chat log in the top portion of the chat window. The message should appear in a blue chat bubble at the right of the chat log.   The response from the chat bot should be a greeting displayed in orange at the opposite side of the chat window. An avatar of the chatbot should accompany the response. | My message was displayed on the right side of the chat in a blue bubble. The chatbot responds, and the response is on the left side of the chat in an orange bubble. The avatar character appears beside the response. |
|  | Type the following into the text entry field at the bottom of the widget, then click the “send” button to its right:   “Tell me about CS history.” | Your message and the chatbot’s response should be displayed as described in the previous step.   In addition to some information relevant to CS history, a button reading “What happened next?” should also be displayed in the chat log. | My message and the chatbot’s response are displayed as before. Information about CS and a “What happened next?” button appear as expected.  Note: the chatbot also asks if I have any other questions. |
|  | Click the “What happened next?” button. | The title of the button, “What happened next?” should be displayed inside a blue chat bubble in the chat log.   A response from the bot discussing Leibniz should be displayed as described in previous steps, along with another button. | The title of the button is displayed, and a response about Leibniz is displayed along with another “What happened next?” button. |
|  | Click the button at the bottom right of the browser window to close the chat widget. | The chat widget closes. | Chat closed. |
|  | Click the button at the bottom right of the browser window to open the chat widget. | The chat widget opens. The previous conversation has been cleared. | The chat opens but the previous conversation is not cleared. |
|  | Type the following into the text entry field at the bottom of the widget, then click the “send” button to its right:   “goodbye” | The farewell response from the chatbot is displayed as described in previous steps. | The farewell response is displayed and the chatbot greets again. |

**Validation:**

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| *You can complete the test case successfully. The project page and the Chomp Sci chat widget are usable and function as described.* |

**Test Log**

| **Date** | **Configuration** | **Tester** | **Result or Issue** | **Result** |
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| 04/17/2023 | Safari Version 16 browser on Mobile (iPhone 13 Pro Max) | Katriana O’Hara | Pass. Having the same issue as on Windows in which the previous conversation does not get cleared when the chat window is closed and reopened. Aside from that, the bot successfully functions as described. | *Pass* |
| 04/17/2023 | Microsoft Edge Version 112.0.1722.48 (Official build) (64-bit) browser on Laptop Windows 11 | Katriana O’Hara | Pass. One issue noted is that the previous conversation does not get cleared when the user closes the chat window and reopens it. Aside from that, the bot successfully functions as described. | *Pass* |
| 03/20/2023 | Chrome version 111.0.5563.57 browser on Mobile (Android Samsung Galaxy S21+) | Christopher Schmidt | Pass. Although there are some marginal errors (such as spacing on the button), it does not affect functionality and the goals of the test. | *Pass* |
| 03/20/2023 | Chrome Version 111.0.5563.65 (Official Build) (64-bit) browser on Desktop Windows 10. | Christopher Schmidt | Pass. The chatbot properly follows the outcome of each test case on both Chrome. If you follow the steps described exactly, they will give you the outcome correctly.  One issue when you don’t follow the steps exactly: If you use ‘Enter’ rather than clicking the ‘send’ button manually, there will be a white space in the text box that you need to clear. Although, this doesn’t significantly interfere with any functionality. | *Pass* |

***Instructions:*** *Complete ‘Actual Result’ column, overwriting any previous entries while working through test case. When the test is completed insert a new row at the top of the test log and include a description of the issue if the test failed. Remember to update the revision date and author if you have made other changes to the test case.*