**Test Case VS00004**

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| **Test Case Name/ ID** | VS00004 | **Software Name/ Version** | **Chomp Sci 1.0** |
| **Revision Date** | 03/14/2023 | **Last Author** | **Robert Caplin** |
| **Requirements** | R4. As a potential student, I would like to be able to learn in general about: - what campus and online study is like - what to expect in terms of workload, credit hours, and required courses | | |

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| **Pre-test Data/ Scripts** | N/A |
| **Post-test Output** | Passes on Desktop Chrome. |

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

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| A URL pointing to the Chomp Sci test webserver.  Test results on a Chrome browser for Windows. |

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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. | URL used: <https://www.chompsci.com/>. Web page is accessible from Chrome desktop. |
|  | Open the Chomp Sci chat widget by clicking the button at the bottom right of the page. | You can open the Chomp Sci chat widget. | Chat widget opens properly. |
|  | Ask Chomp about taking online courses:  “What are online courses like?” | Chomp should provide a description of online study.  "Online classes are convenient and economical. UF Online is one of the top programs in the United States and offers many degrees online.  The challenges of online study can include power outages, technical difficulties, and distractions. Proactive and disciplined students will be most successful.  If you would like to find out more about UF Online, visit https://ufonline.ufl.edu.” | The bot properly responds with the expected result and the link functions. |
|  | Ask Chomp about taking campus courses:  “What are campus courses like?” | Chomp should provide a description of campus study.  "Campus classes provide a more traditional college experience. The University of Florida offers a wide variety of degree programs, facilities, and extracurricular opportunities.  The challenges of campus study can include a daily commute, new living arrangements, and distractions. Proactive and disciplined students will be most successful.  If you would like to find out more about UF, visit https://ufl.edu." | The bot properly responds with the expected result and the link functions. |
|  | Ask Chomp about course workload:  “What is the course workload like?” | Chomp should provide a description of a typical workload:  “Each credit hour is defined as one hour of in-person instruction and a minimum of two hours of out-of-class work per week. A 15-credit semester would consist of 15 hours of in-person instruction, and 30 hours of out-of-class work per week.” | The bot properly responds with the expected result and the link functions. |
|  | Ask Chomp about required credit hours:  “How many credit hours are required?” | Chomp should provide a description of the credit hours required for a CS degree:  “A Computer Science Degree at UF requires a minimum of 120 total credit hours. For a full-time student, this constitutes 12-18 credit hours per semester. This is usually 4-6 classes per semester, depending on individual course credits.” | The bot properly responds with the expected result and the link functions. |
|  | Ask Chomp about required courses:  “What courses are required?” | Chomp asks for clarification:  “Which college are you interested in pursuing computer science in? There are two: the College of Liberal Arts and Sciences and the Herbert Wertheim College of Engineering.” | The bot properly asks for clarification and the question matches the expected result. |
|  | Ask about the College of Liberal Arts and Sciences:  “CLAS” | Chomp provides a description of some of the courses required by CLAS:  “There are a number of courses that you will be taking as a computer science student in the College of Liberal Arts and Sciences including MAC 1147 Precalculus Algebra and Trigonometry and/or MAC 2311 Analytic Geometry and Calculus 1, MAC 2312 Analytic Geometry and Calculus 2, MAC 2313 Analytic Geometry and Calculus 3, COP3502C Programming Fundamentals 1 or COP 3504C Advanced Programming Fundamentals for CIS Majors, PHY 2053 Physics 1 or PHY 2048 Physics with Calculus 1, and PHY 2054 Physics 2 or PHY 2049 Physics with Calculus 2.  Some additional courses you can expect to be taking include COP 3503C Programming Fundamentals 2 or COP 3504C Advanced Programming Fundamentals for CIS Majors, COT 3100 Applications of Discrete Structures, COP 3530 Data Structures and Algorithm, and COP 4600 Operating Systems.  If you would like more information on required courses for a computer science degree, please visit https://catalog.ufl.edu/UGRD/colleges-schools/UGLAS/CSC\_BS/.  In addition to required courses for the computer science major, there are some courses that must be taken to satisfy the degree requirements for the College of Liberal Arts and Sciences. For more information on these additional requirements, check out https://catalog.ufl.edu/UGRD/colleges-schools/UGLAS/#degreerequirementstext.” | The bot properly responds with the expected result, but the text is longer than the chat window and the user must scroll to see the entire message. The links function properly. |
|  | Ask about the College of Engineering:  “What about the College of Engineering?” | Chomp provides a description of some of the courses required by the College of Engineering:  “There are a number of courses that you will be taking as a computer science student in the College of Engineering. All students are required to take six critical tracking courses: MAC 2311 Analytic Geometry and Calculus 1, MAC 2312 Analytic Geometry and Calculus 2, MAC 2313 Analytic Geometry and Calculus 3, COP3502C Programming Fundamentals 1, PHY 2048 Physics with Calculus 1, and PHY 2049 Physics with Calculus 2.  Some additional courses you can expect to be taking include COP 3503C Programming Fundamentals 2, COT 3100 Applications of Discrete Structures, COP 3530 Data Structures and Algorithm, COP 4600 Operating Systems, and COP 4020 Programming Language Concepts.  For more information on required courses, please visit https://catalog.ufl.edu/UGRD/colleges-schools/UGENG/CPS\_BSCS/.” | The bot properly responds with the expected result, but the text is longer than the chat window and the user must scroll to see the entire message. The links function properly. |

**Validation:**

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| *You can complete the test case successfully. Chomp Sci should respond as indicated.* |

**Test Log**

| **Date** | **Configuration** | **Tester** | **Result or Issue** | **Result** |
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| 03/20/2023 | Chrome Version 111.0.5563.65 (Official Build) (64-bit) browser on Desktop Windows 10. | Christopher Schmidt | Pass. The bot properly responds with all of the expected answers, with the only issue being having to scroll to the top of two of the answers due to message length. | *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.*