**Test Case VS00007**

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| **Test Case Name/ ID** | VS00007 | **Software Name/ Version** | **Chomp Sci 1.0** |
| **Revision Date** | 04/17/2023 | **Last Author** | **Robert Caplin** |
| **Requirements** | R7. The chatbot should, when appropriate, link users to official UF webpages for things such as enrollment, semester deadlines, course catalogs, and degree requirements. | | |

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| **Pre-test Data/ Scripts** | N/A |
| **Post-test Output** | Pass. The chatbot links to pages when appropriate, and the links function properly as well. |

**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. | Page loads properly on Chrome. |
|  | 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.  Chomp greets you with the message:  “I'm Chomp, the computer science chat bot! Would you like to talk about computer science or about the University of Florida?” | Opens and outputs text as expected. |
|  | Ask Chomp:  “Tell me about UF.” | “Are you already familiar with the University of Florida?” | Outputs text as expected. |
|  | Ask Chomp:  “No” | “The University of Florida is located in Gainesville, was founded in 1853 and is accredited by the Southern Association of Colleges and Schools.  Are you more interested in their online program or their traditional on-campus program?” | Outputs text as expected. |
|  | Ask Chomp:  “Tell me about the online program.” | Confirm that Chomp’s response contains a link to the UF Online program page:  “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>.” | Outputs text as expected.  Link properly opens the UF Online page. |
|  | Ask Chomp:  “What about the campus program?” | Confirm that Chomp’s response contains a link to the UF homepage:  “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>.” | Outputs text as expected. The link properly opens the UF page. |
|  | Ask Chomp:  “How much does it cost?” | Confirm that Chomp’s response contains a link to a UF page addressing tuition:  “For in state students tuition is about $130 per credit hour. For out of state students it is about $550. You can visit <https://ufonline.ufl.edu/tuition/> for the most recent prices.  Since a full degree requires at least 120 credit hours, an in state student would spend at least $15,600 on tuition while an out of state student could spend $66,000 or more.” | Outputs text as expected. The link properly opens the tuition page. |
|  | Ask Chomp:  “What about excess credits?” | Confirm that Chomp’s response contains a link to a UF page addressing excess hours:  “Computer Science has a credit limit of 120 hours for both the College of Liberal Arts and Sciences and the College of Engineering. For more information, refer to this page: <https://registrar.ufl.edu/courses/excess-hours>.” | Outputs text as expected. The link properly opens the excess hours page. |
|  | Ask Chomp:  “What classes are needed?” | “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.” | Outputs text as expected. Along with three buttons for CLAS, COE, and the difference. |
|  | Ask Chomp:  “CLAS” | Confirm that Chomp’s response contains links pertaining to CLAS and CLAS Computer Science:  “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 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 2053 Physics 1, and PHY 2054 Physics 2. Note that some of these courses may be substituted.  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>.” | Outputs text as expected. Both links function properly. |
|  | Ask Chomp:  “College of Engineering” | Confirm that Chomp’s response contains a link to College of Engineering Computer Science in the course catalog:  “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.  For more information on required courses, please visit <https://catalog.ufl.edu/UGRD/colleges-schools/UGENG/CPS_BSCS/>.” | Outputs text as expected. The link properly opens the Engineering CS required courses page. |
|  | Ask Chomp:  “How can I enroll?” | Confirm that Chomp’s response contains a link to the admissions office:  “To apply for enrollment, you will need to submit your academic information and write a short essay. You can double check requirements, deadlines or even start the process by going to [https://admissions.ufl.edu”](https://admissions.ufl.edu) | Outputs text as expected. The link properly opens the enrollment page. |

**Validation:**

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| You can successfully complete the test case and links to UF webpages are supplied when appropriate. |

**Test Log**

| **Date** | **Configuration** | **Tester** | **Result or Issue** | **Result** |
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| 04/17/2023 | Chrome Version 111.0.5563.65 (Official Build) (64-bit) browser on Desktop Windows 10. | Christopher Schmidt | Pass. The chatbot links to pages when appropriate, and the links function properly as well. | *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.*