**CS 1632 - DELIVERABLE 3: Web Testing with BDD**

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For deliverable three, we decided to test the website Wikirby.com. Wikirby.com is a wiki site for the fictional character Kirby. The site hosts information about Kirby and his universe with links to other wikis. We decided to test this site because a wiki site would be abounding with things to test, however the main reason is because KIRBY IS AWESOME! The layout of the website is fairly cluttered and has many links. The main page contains navigation on the left hand side with an assortment of content being placed in the center of the page. There is a link to create an account or log in in the upper right. There is a search bar located under the Wikirby banner. There is a footer section with various links to special pages. This design allows for many easy testable options. We decided to test the enemies page, the search bar, the login system, and the edit system. These allowed for different features to be tested that would be essential to the user’s overall experience while visiting the website. Users should expect to be able to properly navigate the site, search for information, and edit pages when logged in.

The most difficult parts of this deliverable were deciding what to actually test. We had several revisions to the user stories throughout the deliverable. The difficulties we faced in particular were:

1. Inconsistent passing or timing with tests.
2. Some tests pass with firefoxUnitDrivers and not HtmlUnitDrivers.
3. It was difficult getting acquainted with the commands and was able to be seen and not seen.
4. As stated above, thinking of and creating user stories were very difficult.
5. Selenium IDE was not always recognized by Firefox and we were told to install Selenium IDE after the IDE had already been previously installed.
6. Selenium IDE crashing unexpectedly.

As stated, these were our biggest concerns and some of the tests will spontaneously fail but pass the majority of the time. The biggest challenges we expect to face going forward are how to get tests to not spontaneously fail. This was the greatest problem that generated a lot of frustration. As we continue to work with selenium and testing we will learn to better handle testing websites.

Link to repository:

<https://github.com/dms163/CS1632-Deliverable-3>

