**Hoodpopper Testing**

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**CS1632 – DELIVERABLE 3: Web Testing with BDD**

For this deliverable, I faced many issues setting up Selenium on Firefox and getting the HTML webdriver to work in the most recent version of Selenium. In order to get it fully set up, I needed to work with Mr Laboon and a couple of other students for 30 minutes to launch Selenium through Firefox and have the HTML webdriver be recognized in Eclipse. This involved adding external JARS to the test project by configuring the build path. I needed to add a JAR for the HTML webdriver to be recognized and function properly. I also needed to install the Firefox internet browser and the Selenium IDE itself. Aside from the setup process, there was a bit of a learning curve when trying to use Selenium for the first time. It took a while to understand how I could successfully select the part of the webpage that I wanted to inspect. I ended up using the select function within the Selenium IDE very frequently, especially when I was unsure of how to select a webpage element that I needed to inspect. This was a very useful Selenium functionality that I was grateful to have. Moving forward I see difficulties writing tests for more complicated webpages than the hoodpopper webpage that was designed to be simple. I think I will need to use even more Selenium functionalities to perform the necessary tests on more sophisticated webpages. I look forward to the possibility of using Selenium in future deliverable so I can use Selenium and all of its benefits to the fullest. This was a basic/introductory project for Selenium but I am sure that there are much more complex functionalities that we will observe in the future. My test code is located in WebTestingTest.java, and there are no special steps that need to be taken to run my tests except to get to the website that we are supposed to be testing, which the url was given to us by Mr. Laboon.

Screenshot of test execution results

