In-Class Activity 3: Black-box Testing

Overview

- Create black-box test cases for a web app
- Use popular well-known tool, Selenium IDE
  - Available at http://docs.seleniumhq.org/
  - Provides a full featured IDE
  - Capture/replay and programming test scripts

Goals

1. All goals from ICA-1
2. Crawling coverage reports from ICA-2
3. Record test cases using Selenium
4. Write test cases programmatically
5. Know how to verify results of test case

Blank

Implement the Following

For each scenario, create/run a test case that verifies the correct behavior, and show the coverage report.

1. Create a new user and be able to log in with that account
2. Add two items to the shopping cart and verify they are present in the cart
3. Delete item from shopping cart and verify it is no longer present in cart
4. A search for a term returns a correct result
5. The guest user is not able to access the admin menu

Grading

100 total points

- – 15 points for the quiz
- – 20 points for in-class checkoff (late credit until 10/7)
- – 15 points for complete automation
- – 50 points for the five scenarios

Submit

1. Shell script
2. Test case files
3. Each corresponding coverage report