

11/8/21 Tina Martin approaches

During grooming of this story, I would ask the security team (if there is one) or developers if they have done SQL injection on the password field. If not, then that development/testing should be done as part of the story and the acceptance criteria adjusted accordingly.

My choices for test cases:

When writing test cases for a user story or defect, I look at the acceptance criteria and think of “scenarios” to test both negative and positive scenarios. I think of how users would use the intended functionality and lastly, I try to think of any security aspects.

My test execution:

My process for testing a defect or story is I usually do exploratory testing to try to flush out any defects before I execute my test cases which are more focused.

Next, I execute the test cases that I wrote.

Lastly, before handing off to the PO for acceptance, I verify that all the AC was met. For stories that have really long AC, I personally like to use Word, copy and paste the AC and use Word as a working copy while testing. I color code it while testing to ensure each line passes or fails and write defects as I find them. I will attach that document as a hand off, along with any other testing notes including screenshots, versions tested, OS tested to PO which will aid in them accepting the story faster.

My approach for automation on this story:

Automation is not my strong suit but would want to make sure this story was covered at minimal in unit or integration tests to confirm the highest use cases:

- Password accept alpha numeric special characters
- The algorithm returns the correct encoded base64 password
- The requests finished before a shutdown occurred
- No requests allowed when shutdown status is pending or shutdown

If there was a UI aspect to this that needed to be automated, here would be the approach using Selenium and page object model:

1. Map out the password field
2. Map out the OK button
3. Write method for entering static password (alpha numeric special char)
4. Write method for clicking OK button
5. Write method for confirming password is encrypted as you type it
6. Write test for not entering password and confirming that OK button is not enabled
7. Write test for entering password and validating that you are taken to the Home page