ELEN4011 - Sprint Retrospectives

School of Electrical & Information Engineering, University of the Witwatersrand, Private Bag 3, 2050, Johannesburg, South Africa

SPRINT 1

Attendees:

Jared Ping

Agenda:

To critically analyse the sprint. Calculate the sprint velocity.

Minutes of meeting:

Date: 31/09/2018
Time: 19:00

What went right:

1. Met expected deadlines of sprint
2. Agile methodologies were correctly followed
3. All developer stories assigned to the sprint milestone were completed
4. An efficient code review process was created and maintained for the duration of the sprint
5. The use of daily stand-ups to track sprint progress
6. CI pipeline configured using Travis CI

What went wrong:

1. Logic based pull requests were opened without any tests
2. No other developers to contact when developer required assistance
3. Unsuccessful configuration of coveralls

What needs improvement:

1. Weekly meeting to improve scrum tactics. This will ensure that the developer is well versed in agile techniques to accommodate a more streamlined process
2. A minimum of one tests must be implemented for each logic based developer story
3. Implementation of tests from all levels of the test pyramid
4. More rigorous pull request reviews. Any changes should be required, rather than suggested
5. Improve structure of daily stand-ups to ensure that assistance is readily available

Velocity: Each developer story was assigned an effort rating between 1 and 3 based on the size of the story. Using these efforts, the sprint velocity was calculated to be 23. The ideal velocity for the next sprint is therefore 23.

SPRINT 2

Attendees:

Jared Ping

Agenda:

To critically analyse the sprint and calculate the sprint velocity.

Minutes of meeting:

Date: 09/10/2018
Time: 19:00

What went right:

1. All but one developer story assigned to the sprint were completed
2. Met expected deadlines of sprint.
3. The use of daily stand-ups to track sprint progress
4. Sprint board went through an iteration to cater for stakeholder feedback after first sprint
5. Unit tests and Acceptance tests have been implemented and automated in the CI pipeline through Travis CI

What went wrong:

1. Current sprint velocity is less than previous sprint velocity
2. Lots of time was consumed in waiting for required student data
3. Story relating to student data was not implemented due to time in which data was received
4. Unsuccessful configuration of coveralls

What needs improvement:

1. Code coverage must be tested using Coveralls
2. Comprehensive tests required to adhere to the testing pyramid

Velocity: The velocity for this sprint was 17.