SR06

for the

Hotspotter Bug Prediction Software

CS 425 / CS 499 Senior Project

by

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of

Team HotSpotter

SR06
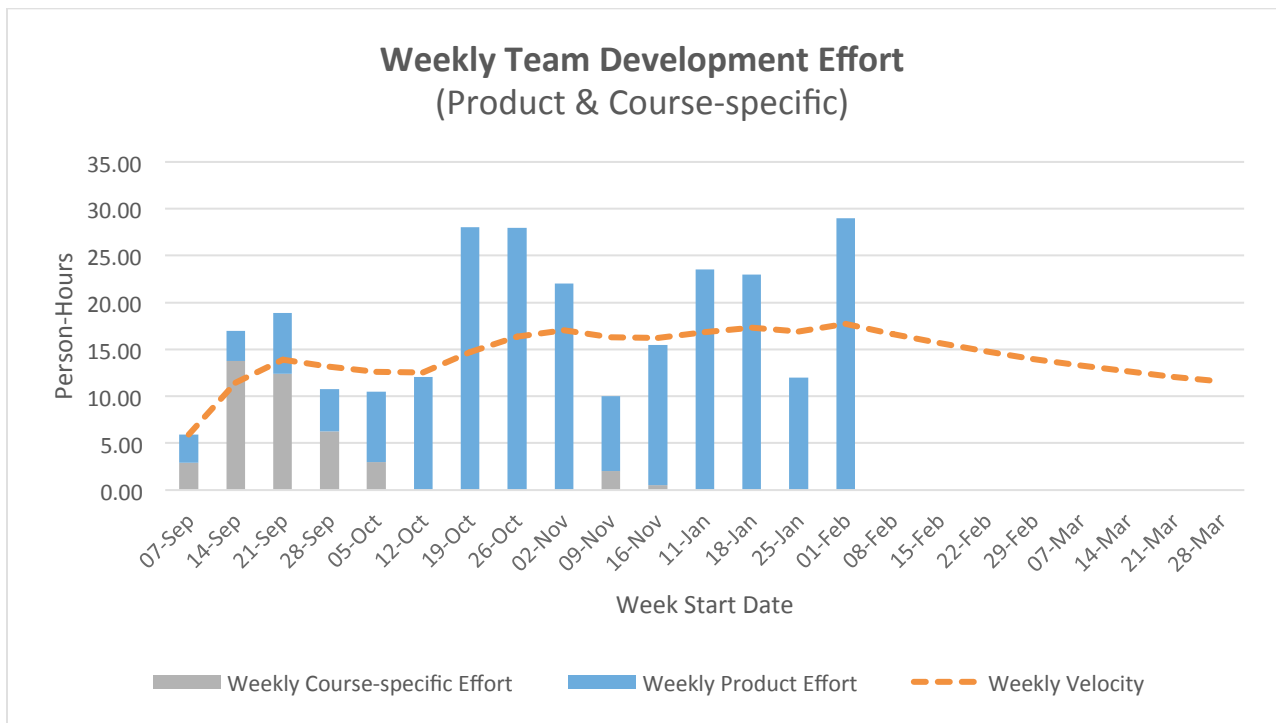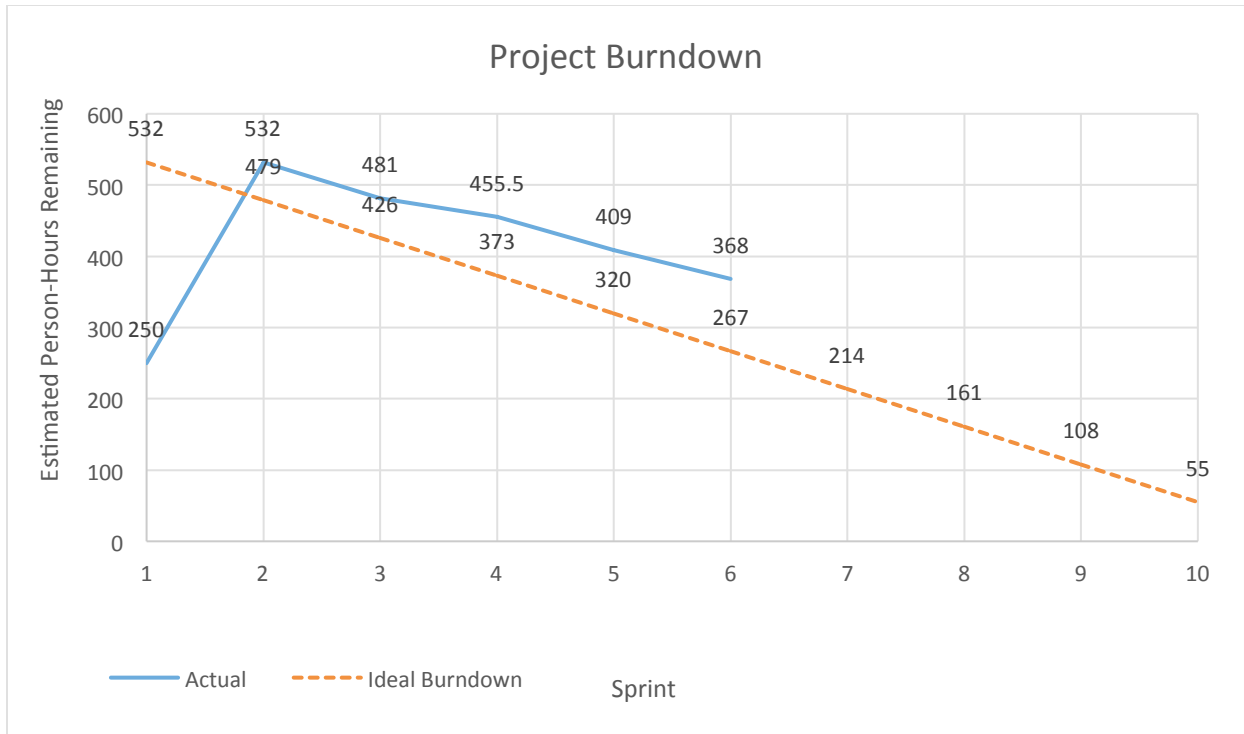
Revision 1.1

As Of: 16 February 2016

During sprint 6, our team had 60 total hours estimated for the sprint. The hours were mostly spent on the project with minimal time being spent on documentation. The total time we spent 41 hours and finished everything we had planned for this sprint.
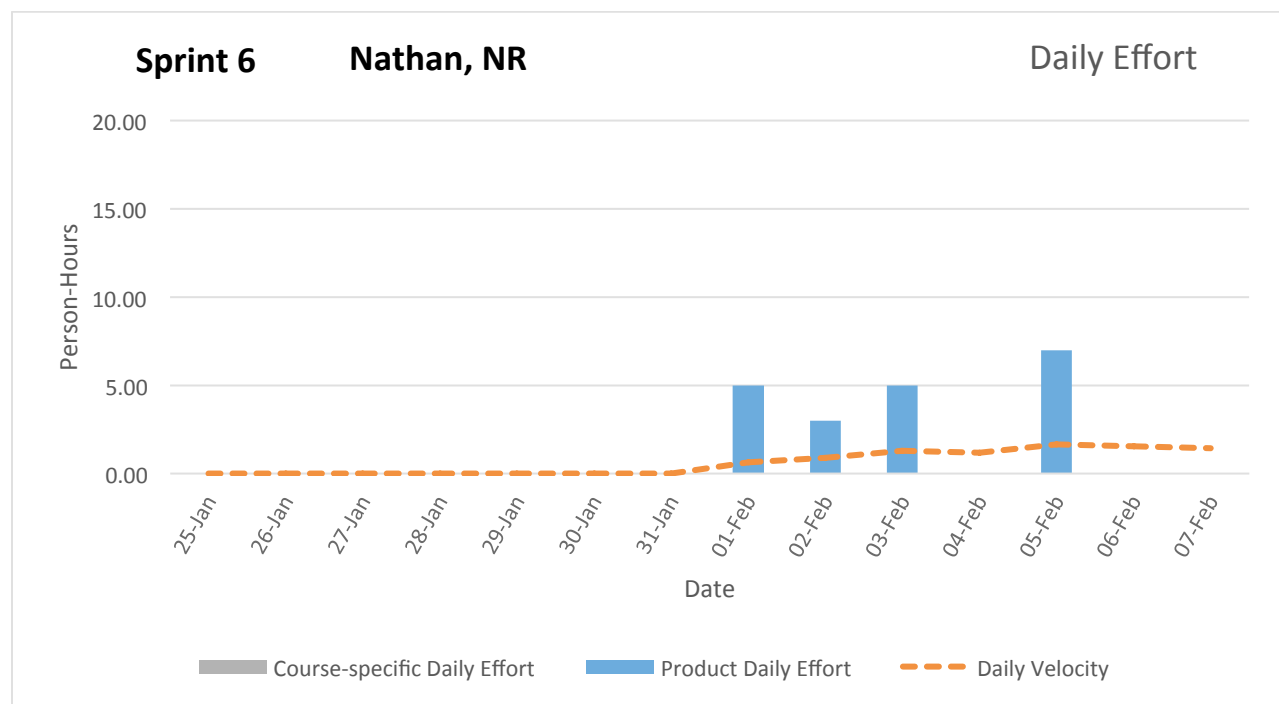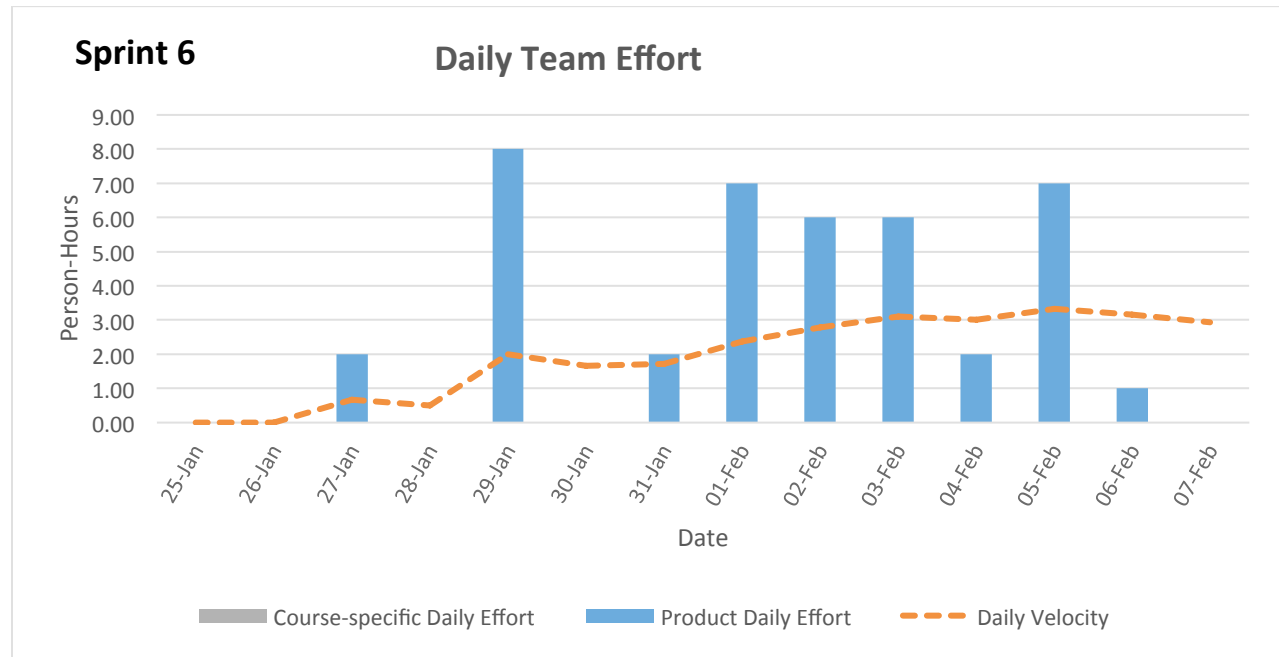
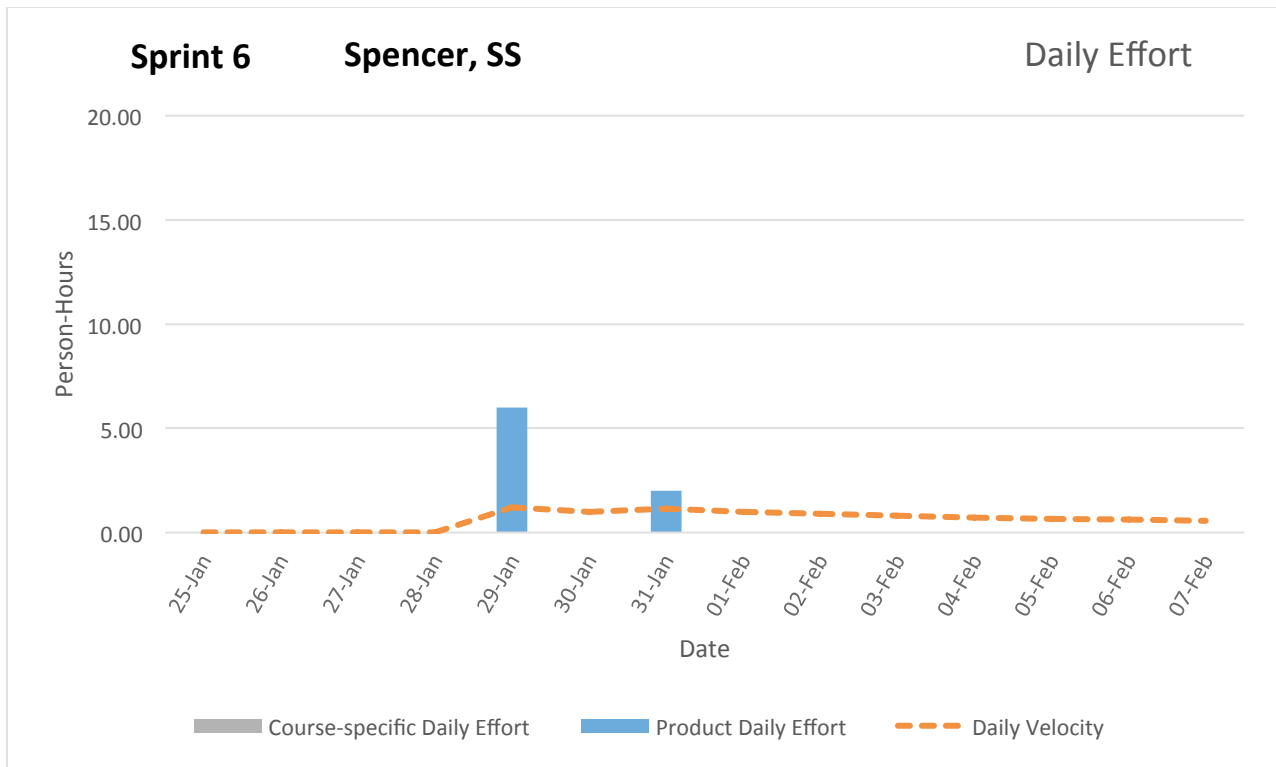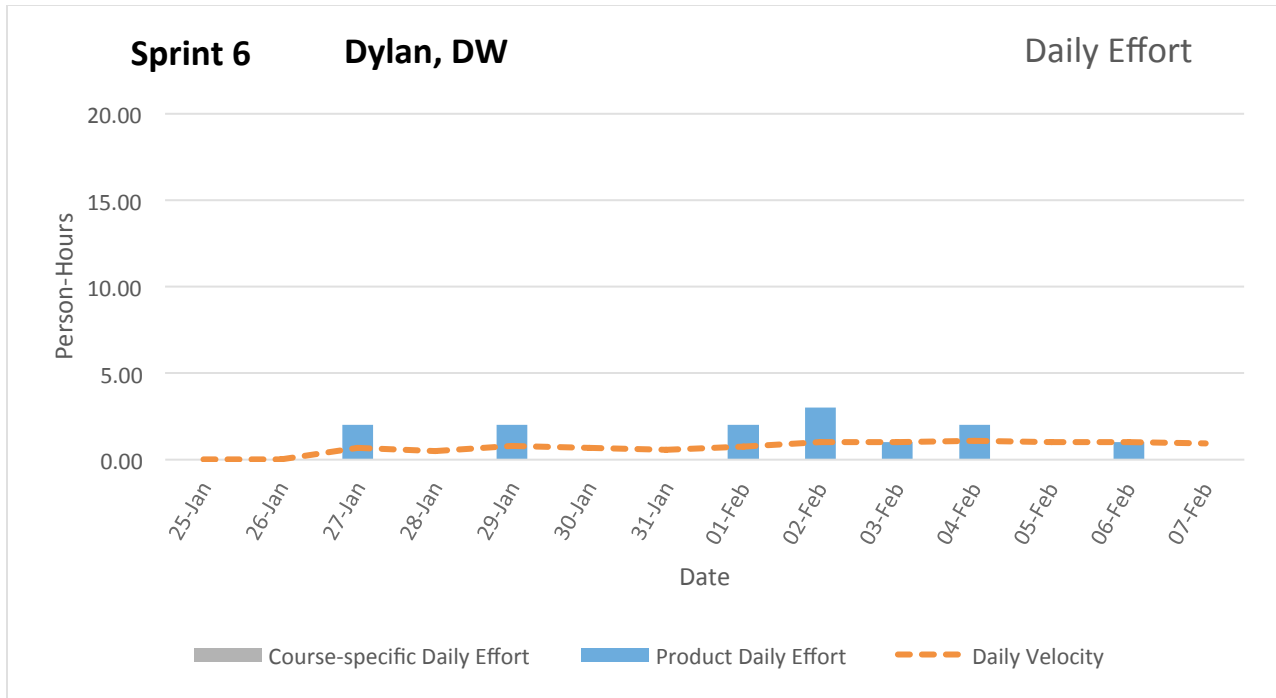The items that were produced by the end of this sprint were as follows:

- Front End And Back End Unit Tests
  - o Nate was in charge of this portion of the project He spent all of his time getting the testing framework stood up and working with our Jenkins build job. He successfully implemented the framework and all tests in 20 hours
- Refactor Scoring Algorithm
  - o Spencer and Dylan were primary contributors to this task. They spent a combined 18 hours on this task and was successful in implementing the time based metric of the algorithm.
- Update Documentation
  - o Dylan was in charge of completing this effort. He spent 3 hours updating the Project Plan and Quality Plan to reflect our current project.
- Research Scoring Algorithm
  - o This was an effort that is ongoing as we progress with our project. Everyone contributes equally and shares their thoughts on how to better the project. We also consult closely to Dr. Crk on what we need to change about our algorithm and methods on how to test it.

After the completion of these tasks, we updated our client Dr. Igor Crk. He was very pleased with our team being able to produce the algorithm in his original specification. As of right now, we are 100% finished with everything Dr. Crk wanted us to implement.

The major risks posed for this sprint was getting the testing framework set up and tests wrote. It has been found to be very difficult to orchestrate meaningful tests with how our project is currently set up. Nate spent most the time refactoring the entirety of the front end to mitigate this risk. The team's general consensus of the projects status is still great due to the fact we have finished everything that our client wanted use to finish. Being able to move forward and add things we feel will benefit the application make the project seem like less work and is motivating.

Project Burndown

Weekly Team Development Effort
(Product & Course-specific)

Sprint 6

Daily Team Effort

Sprint 6   **Nathan, NR**   Daily Effort

Sprint 6   **Dylan, DW**   Daily Effort

Sprint 6   **Spencer, SS**   Daily Effort

Reviewed and Approved by:

Name   Signature   Date

Nathan Reinhardt   __ _Nathan Lee_ _   02/16/16

Spencer Smith   _____   _____

Dylan Williams   _____   _____