

SR02

for the

Hotspotter Bug Prediction Software

CS 425 / CS 499 Senior Project

by

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Team HotSpotter

SR02

Revision 1.1

As Of: 27 October 2015

During sprint 2, our team had 44 total hours estimated for the sprint. The hours primarily were all project based with very minor work done on class paperwork. The total time we spent 40.07 hours and we completed all the tasks we scheduled for this sprint.

The items that were produced by the end of this sprint were as follows:

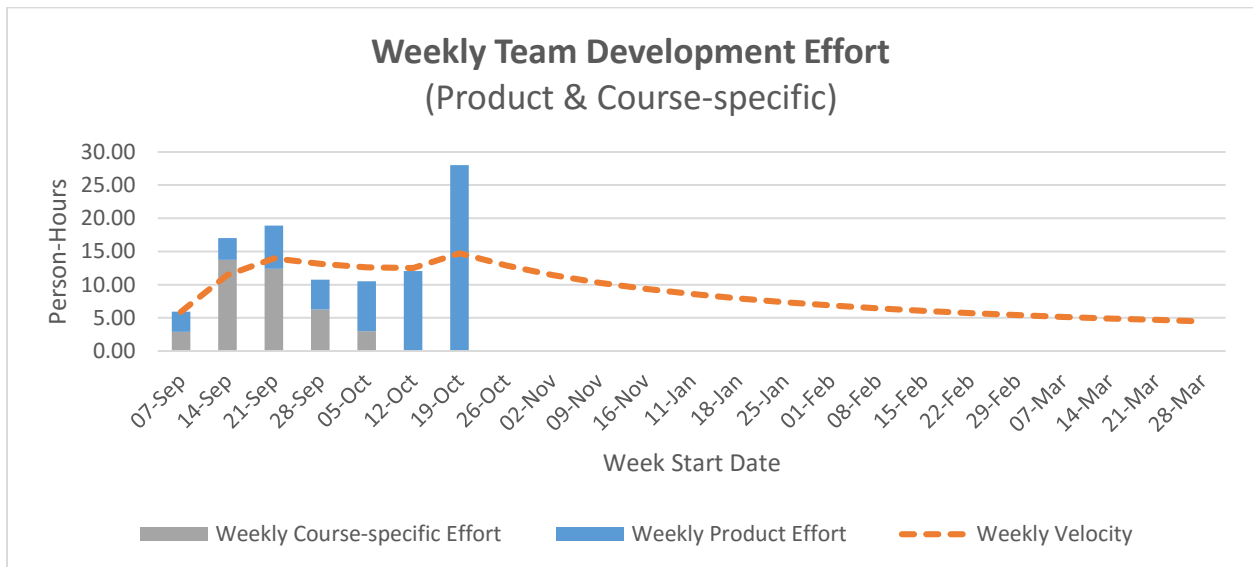
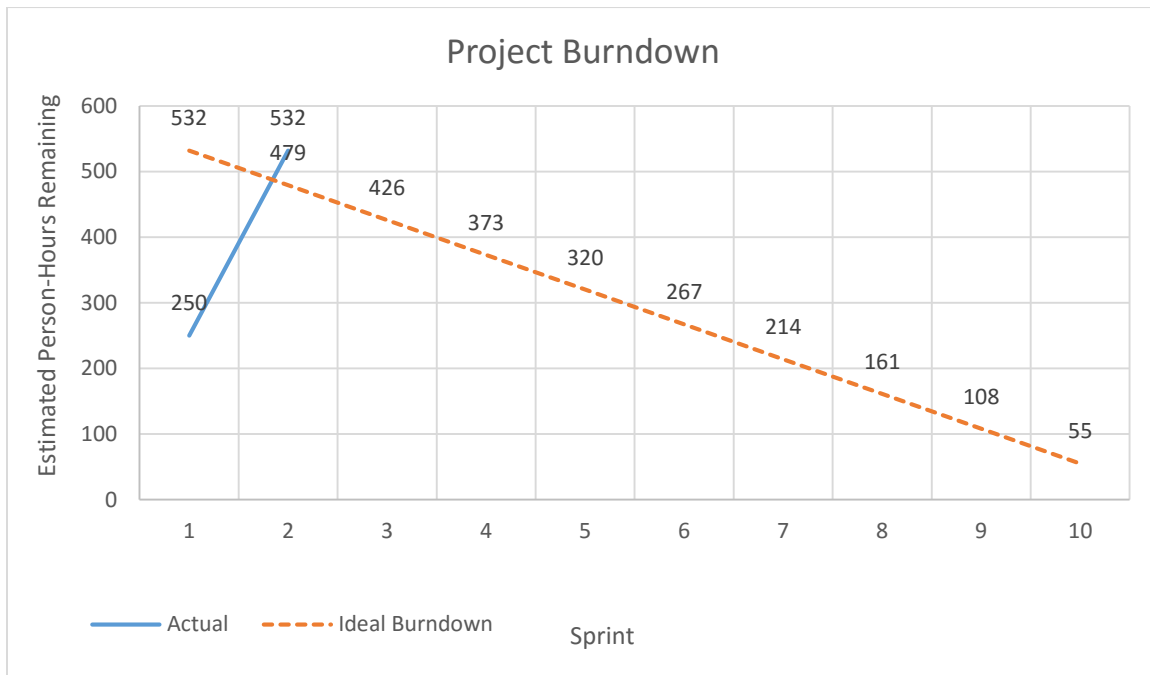
- Add Repository Functionality
 - This was the major task associated with this sprint. It included every layer of the stack; client side, server side, and database. The goal of this task was to have a user enter a git repo URL and have the application clone it. The tasks were split up as follows: Nate worked on the git wrapper service that allowed the application to clone git repositories through node. Spencer worked on the server api routing and database objects. Dylan worked on the front end UI that allowed the user to enter a git repository URL that is checked for formatting.
- Status Report Document
 - This was a tasks to compile a status report for the first sprint. Nate had primary responsibility with Dylan aiding in obtaining the graphs.

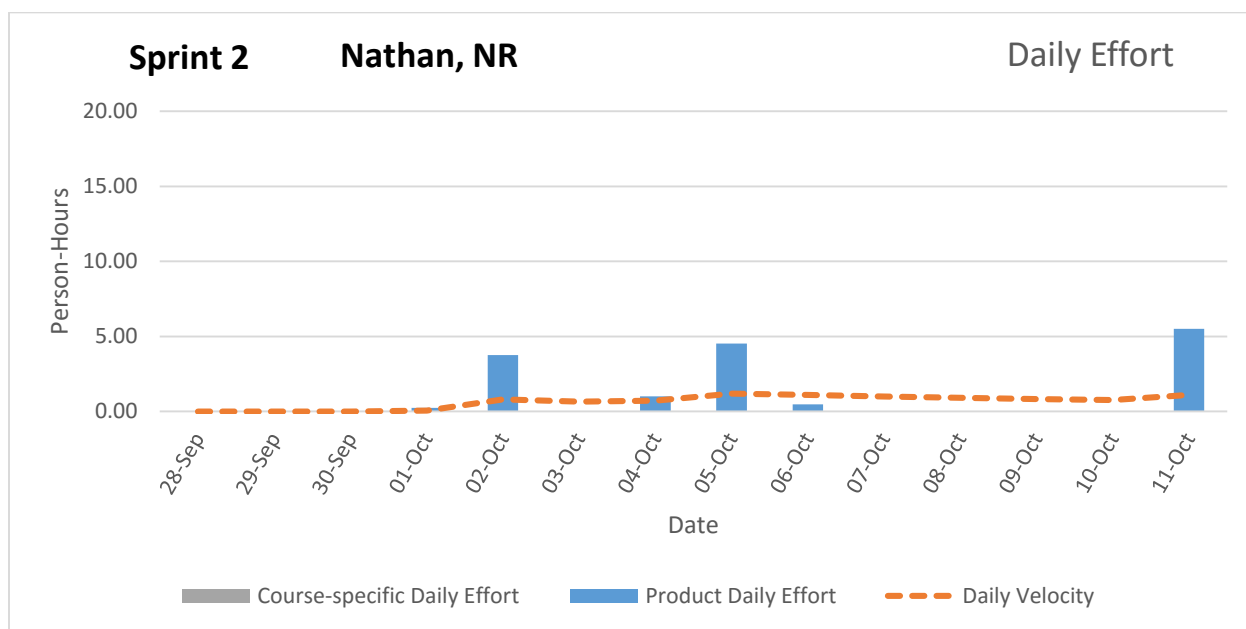
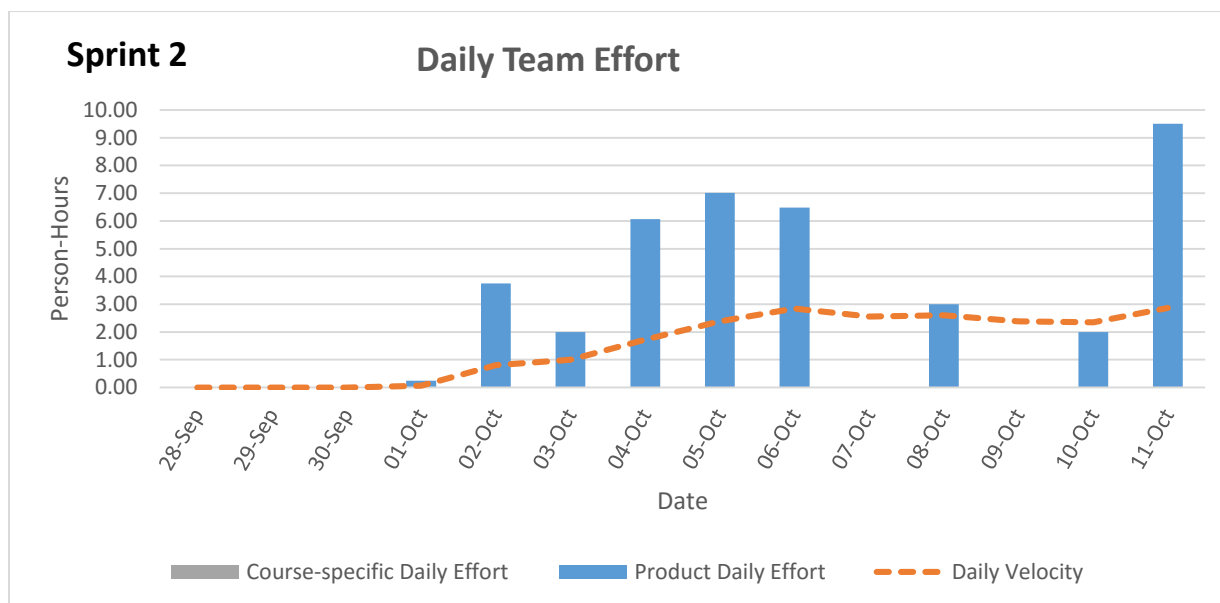
After the completion of these tasks, we updated our client Dr. Igor Crk. He was satisfied with our progress and wants us to continue on our effort.

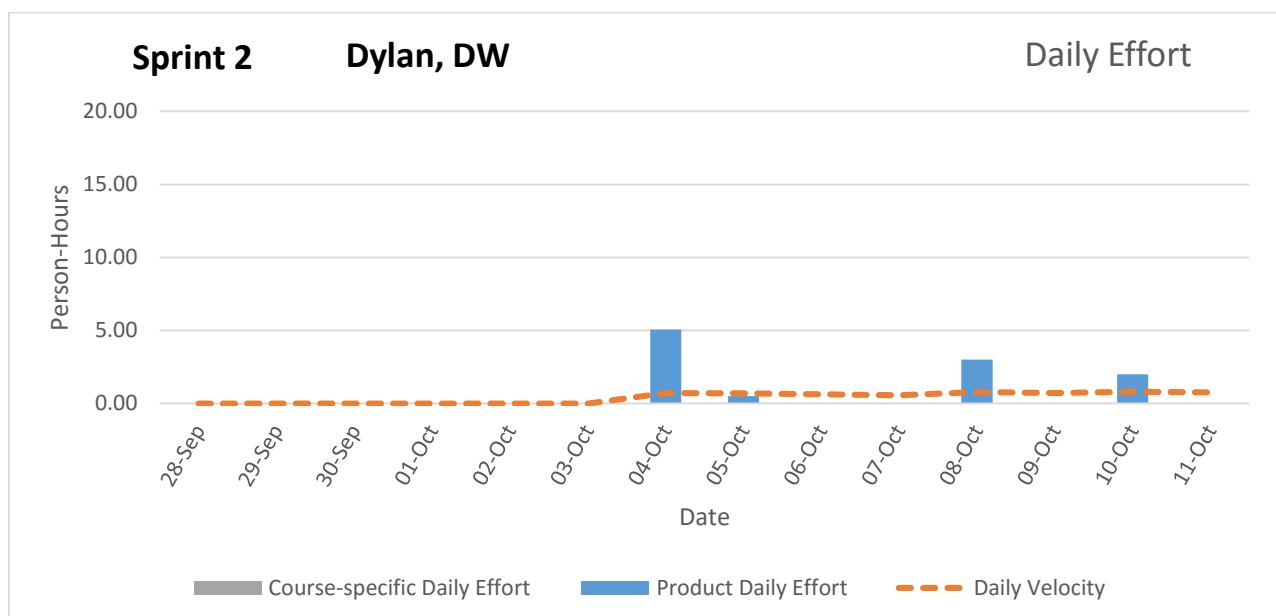
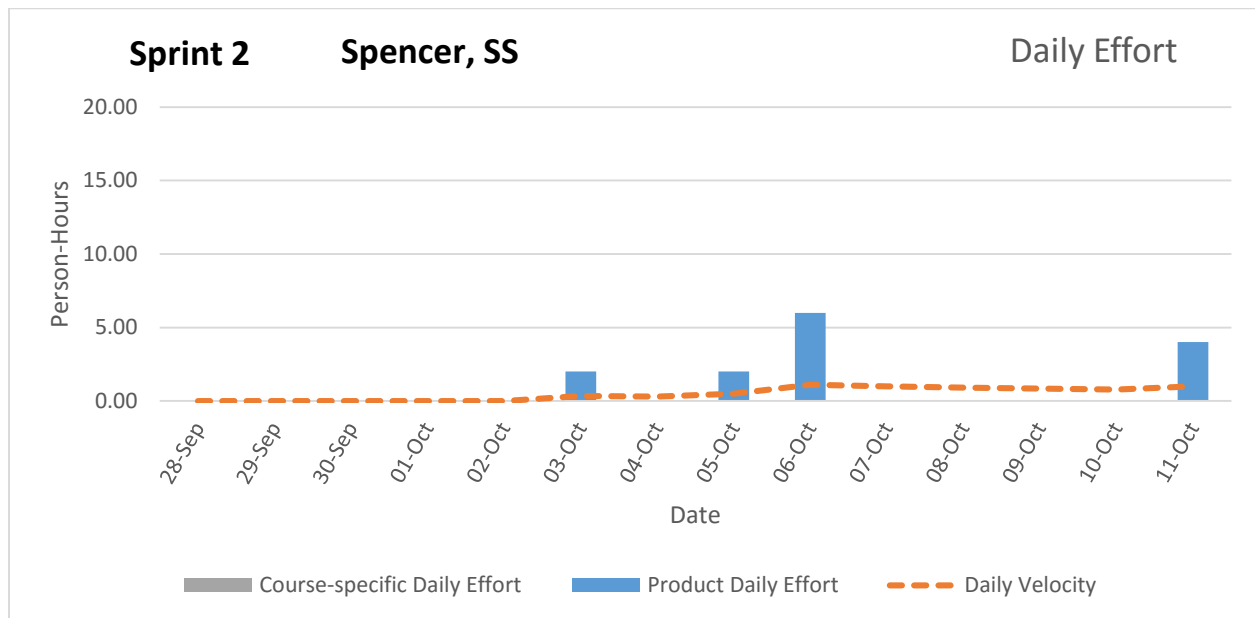
The major risks that were mitigated this sprint were knowledge of the tech stack used. Some major speed bumps were finding a proper NodeJS git wrapper that were well documented for use. Nate was able to get a repository cloned through node but was unable to write tests due to complexity. Our team plans to have paired programming sessions to better problem solve this tricky situation.

As a team we also sat down and re-groomed our entire backlog. Adding new items and re-evaluating original estimates on the current tasks. Our team went from 240 hours for the entire project to 532. We find this as a substantial increase but it is also more realistic. This doesn't affect completion date.

The team's general consensus of the projects status is still optimistic. As we are getting into more technical operations with our tech stack we anticipate larger challenges to arise. The team believes that project will be achievable in the timeframe given.







Reviewed and Approved by:NameSignatureDate

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