SR03

for the

Hotspotter Bug Prediction Software

CS 425 / CS 499 Senior Project

by

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of

Team HotSpotter

SR03

Revision 1.1

As Of: 17 November 2015

During sprint 3, our team had 49.00 total hours estimated for the sprint. The hours primarily were all project based with very minor work to be done for status reports and sprint planning. The total time we spent 50.00 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:
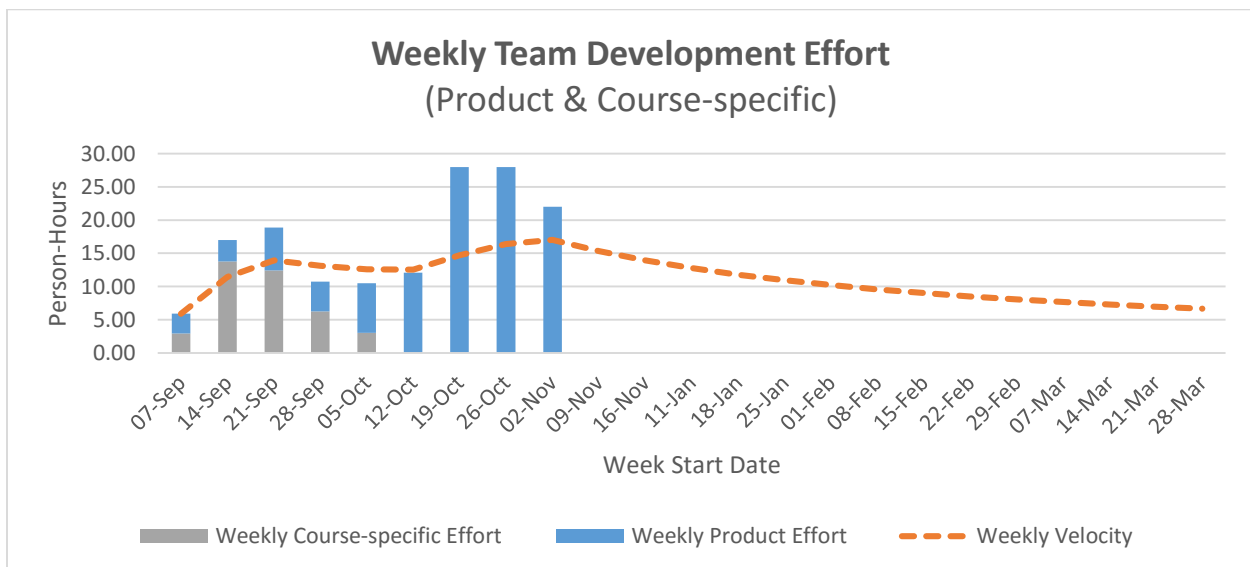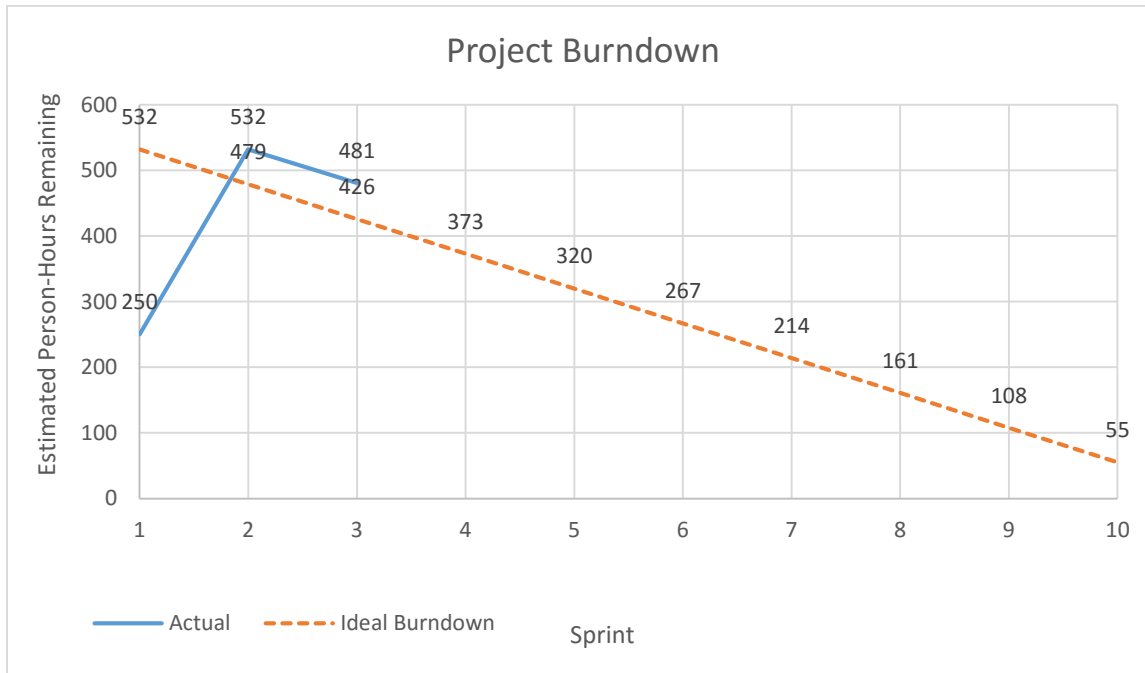
- Back end fileView Code Completed
    - This was 1 of 2 major tasks we had planned for this sprint. This built off of checking out a repository and added functionality to view the repository in the tree like structure in a web browser. Spencer worked on the back-end portion obtaining all the information when a specific API is hit.
- Front End fileView Code Completed
    - This was 2 of 2 of the major tasks we had planned for this sprint. This build off of the back end fileView code. It made and API call to the server side which then took a JSON object that it returned. It then used that JSON object to build a view of the repository in an expandable tree format. Dylan was the primary contributor of this effort.
- Compiled Domain Definitions
    - Nate was assigned the task to research and document our domain objects. This was to start a living document that we can append to now that we are starting to see what we need. The idea behind this is so we have quick reference to the relations of our objects without having to sift through code.
- Configure Jenkins
    - Jenkins is an automated testing and delivery suite. Nate was in charge of setting this up to the point where every time our master bitbucket build was updated, it would build the project and deploy it onto our server. This allows for our client to have access to the most up-to-date code and also allows the team members to see what big changes are being made without having to deploy locally.
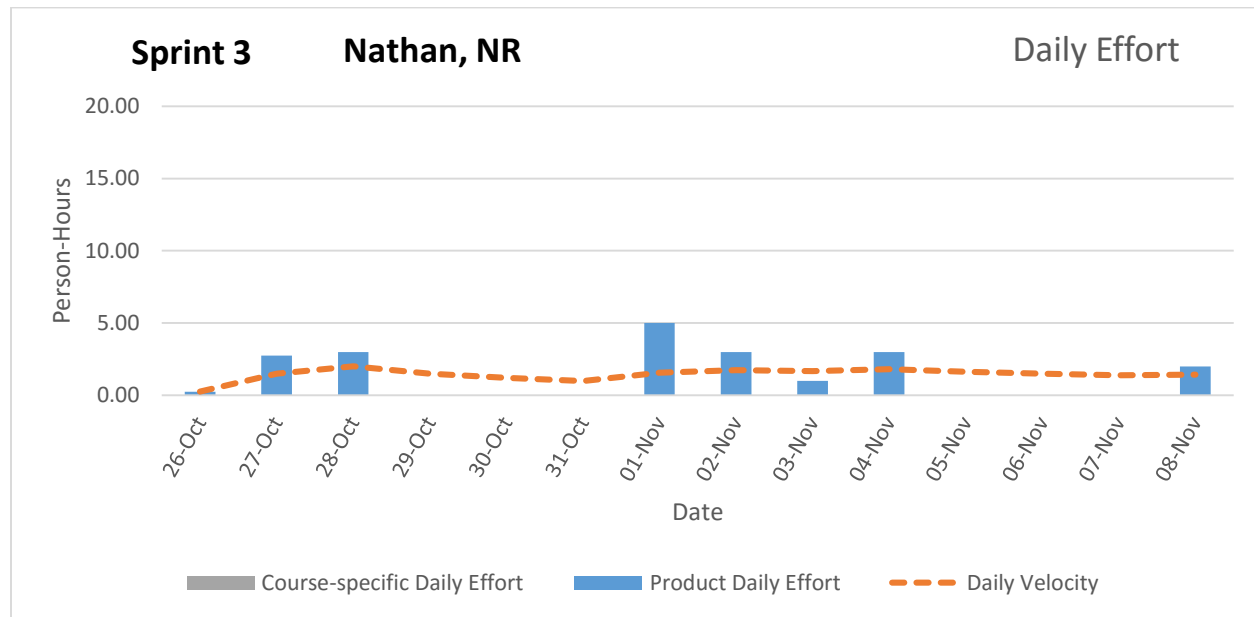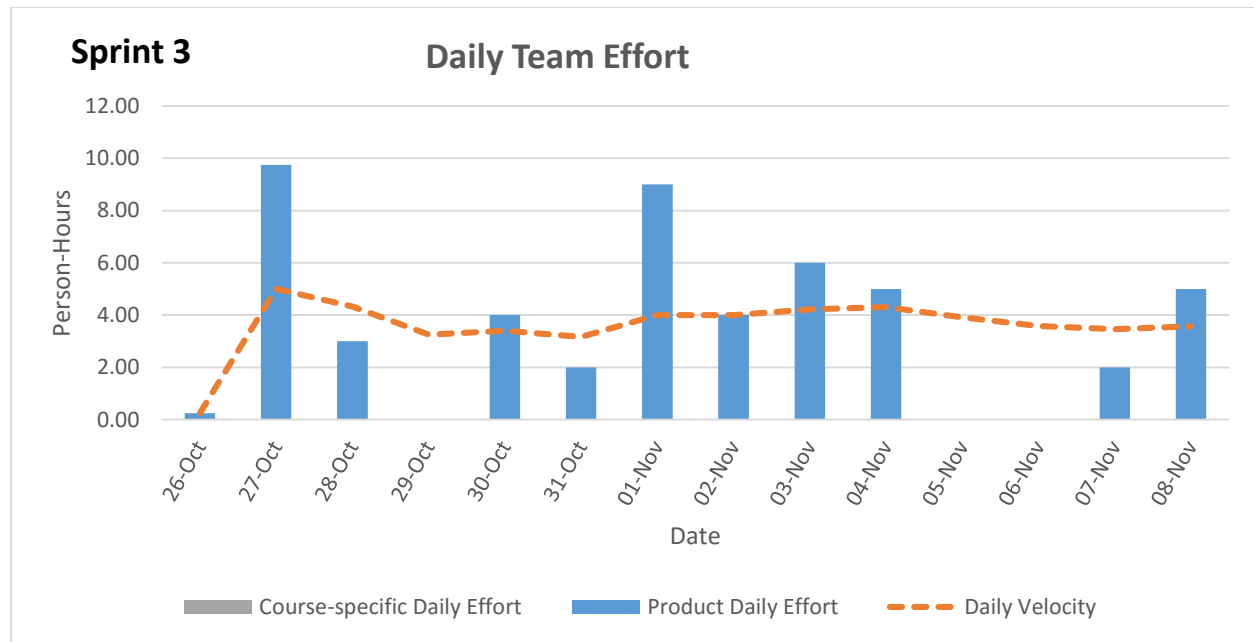
After the completion of these tasks, we updated our client Dr. Igor Crk. He was satisfied with our progress and wants us to continue on our effort towards a final prototype.
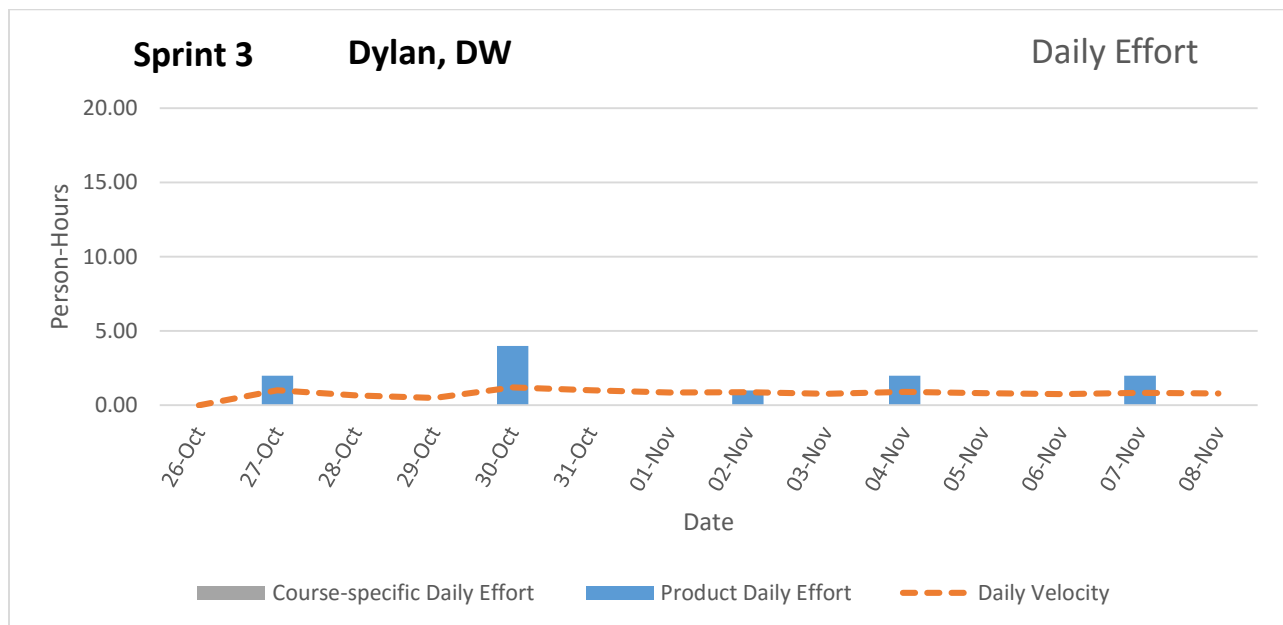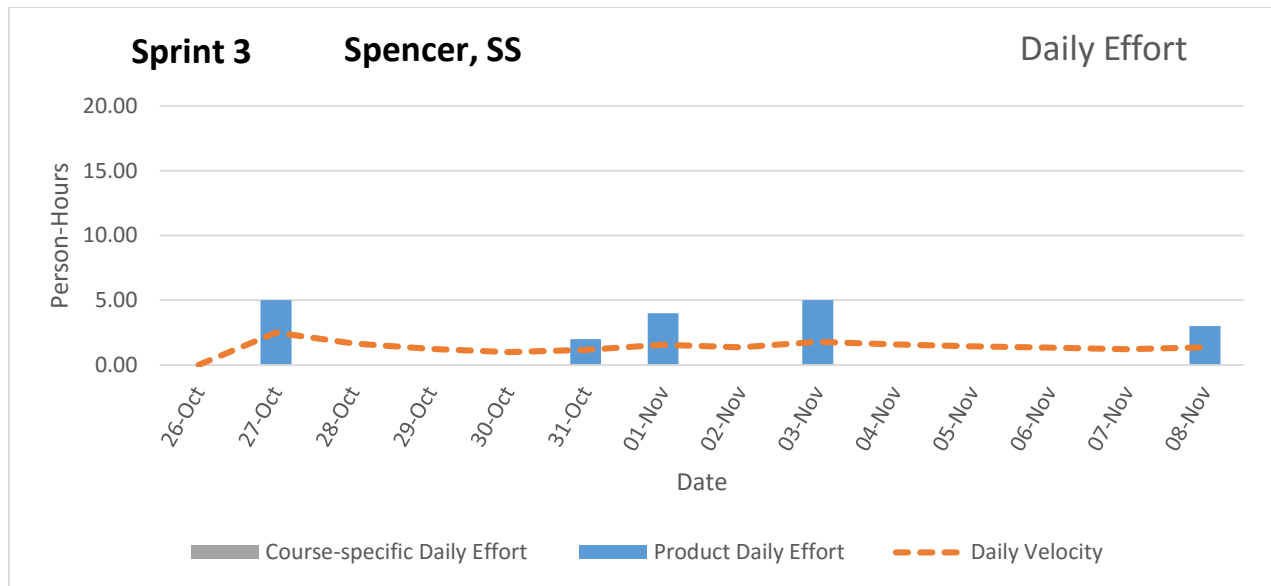
The major risks that were mitigated this sprint were knowledge of our tech stack along with how to integrate it with git. We used all of our communication techniques to stay in tuned with each other and help each other when needed. We really didn't have too many problems getting it to work and we were able to write some elegant code to piece it all together.

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Since we re-groomed our backlog, our project burndown is behind by one tick. We hope that with some extra planning or work over break so we can get this to normalize.

The team's general consensus of the projects status is still optimistic. We are looking to be on schedule to have a full working prototype in time for our final presentation.

Sprint 3   **Daily Team Effort**

Sprint 3   Nathan, NR   Daily Effort

Sprint 3 — Spencer, SS — Daily Effort

Sprint 3 — Dylan, DW — Daily Effort

Reviewed and Approved by:

<u>Name</u>	<u>Signature</u>	<u>Date</u>
Nathan Reinhardt	_____	_____
Spencer Smith	_____	_____
Dylan Williams	_____	_____