MILESTONE 2 – Sprint 3 Review

Sprint: Sprint 3

Date: 16/09/20

Scrum Master: Darren Lieu

Product Owner: Mohamad Ali

Development Team: Benny Yang, Ben Cracknell, Yin Yen Chong and Mitchell Slavik

Sprint Goals

- Unit tests for both frontend and backend functionality
- Document sprint
- Update product backlog
- DoD for sprint and user stories
- SQL database integrated
- Deployed to CircleCI
- Posting functionality

Status Overview

- Sprint items planned were all tasks remaining in the product backlog in Trello and Excel sheet
- Total of 6 user stories in sprint 3, with a rough estimate of 6 days
- Sprint duration was 9 days with 5 members.
- An estimation of 9 days was given to the group members to complete the task
- By the end of the sprint, the posting functionality for booking, user, employee and business was implemented.
- Testing of current functionality using unit tests with JUnit and Enzyme was done
- Our application was deployed to CircleCI.

Sprint Statistics

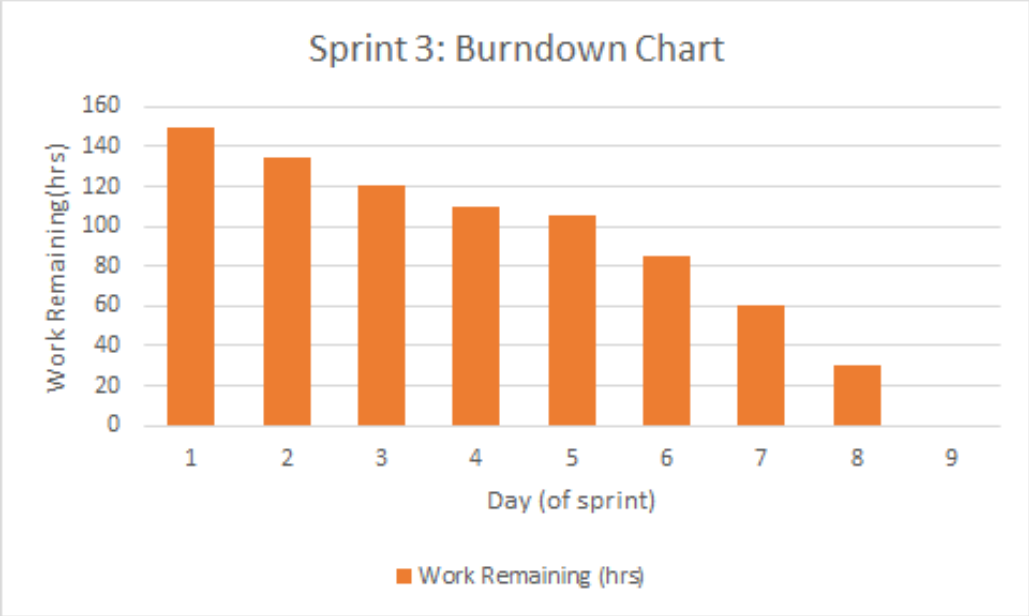
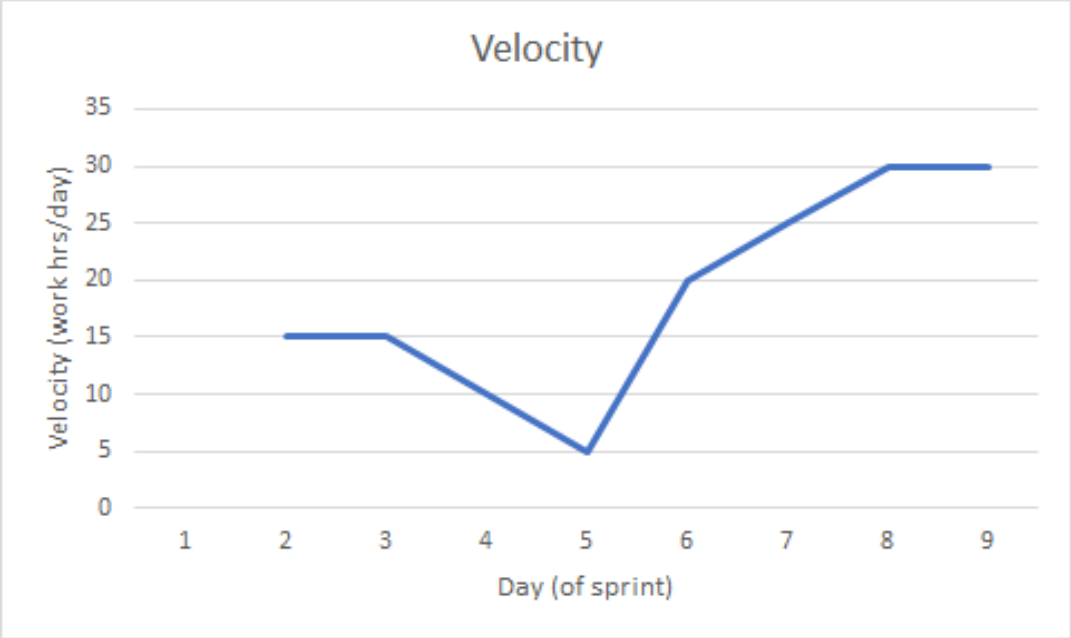


Chart shows work remaining (in hours) after each day of sprint 3. Horizontal axis shows the day of sprint and vertical axis is work remaining. We can see a relatively even spread of work being done each day till the end of sprint, although it shows slightly more work was required in the few remaining days of the sprint. Team was able to complete task set for this assignment and created the Database, along with the listing of businesses, users, bookings and employees. Additionally, testing was completed on the current functionality for both backend and frontend.

The total assigned work task was estimated to be 150 hours amongst the 5 group members.

The estimate was calculated using scrum effort values from scrum poker.

All tasks were completed.



The velocity chart above shows the efficiency in which work was able to be completed during each day of sprint 3. The horizontal axis shows the days in the sprint cycle, and the vertical axis shows the velocity for the number of work hours completed each day.

From the graph, we can see that majority of the work was done on days 8 and 9 which was the peak of our groups work efficiency, where we completed 30 hours of work each day. Our group was slow to start but dealt with our workload and made up for the slow pace early on in the sprint.

The graph was created by subtracting the work remaining from the current data as compared to previous days.