MILESTONE 3 – Sprint 4 Review

Sprint: Sprint 4

Date: 01/10/2020

Scrum Master: Darren Lieu

Product Owner: Mohamad Ali

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

Sprint Goals

- Sprint documented
- Product backlog updated
- Database implemented
- Code refactored
- Customer login functionality added
- Employee login functionality added
- Display personalised information for user and employee added

Status Overview

- Sprint items planned were all tasks remaining in the product backlog in Trello and Excel sheet
- Total of 4 user stories in sprint 4
- Sprint duration was 14 days with 5 members.
- An estimation of 8 days was given to the group members to complete the task
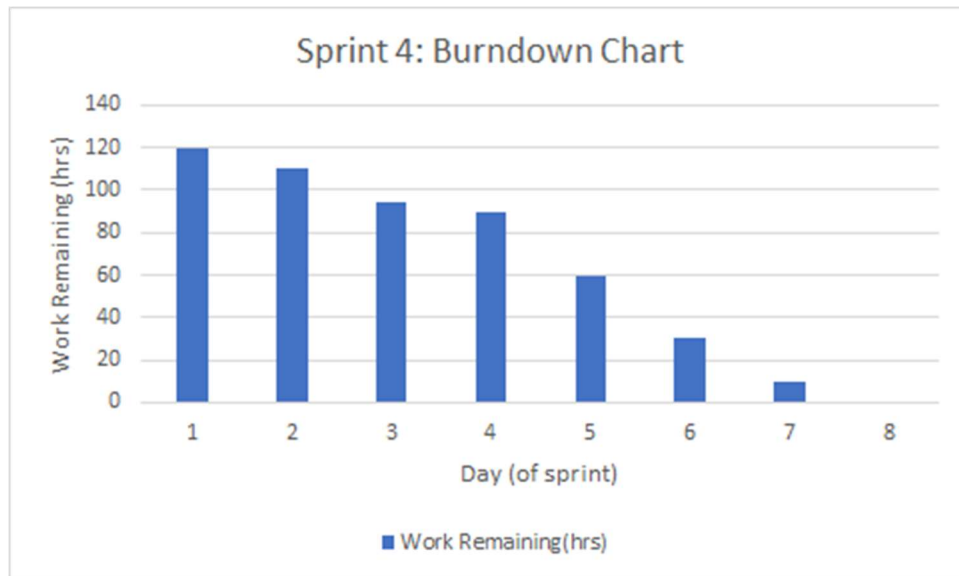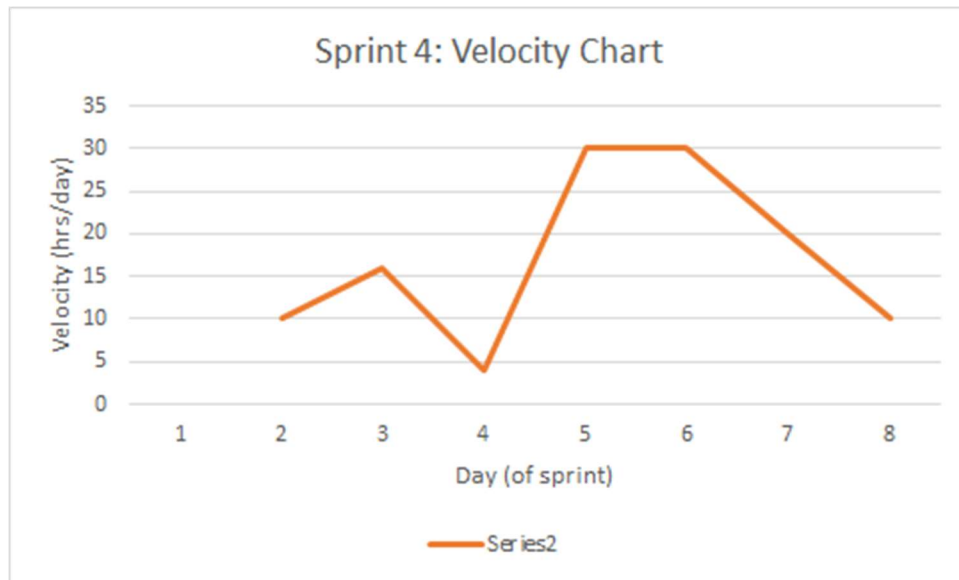
Sprint Statistics

Chart shows work remaining (in hours) after each day of sprint 4. Horizontal axis shows the day of sprint and vertical axis is work remaining.

The total assigned work task was estimated to be 120 hours amongst the 5 group members. The estimate was calculated using scrum effort values from scrum poker. This sprint we managed to work on completing work earlier in order to avoid a late rush to complete remaining tasks. Some days more work was completed than others, but overall it was a very successful sprint in terms of time management.

All tasks were completed.

Sprint 4: Velocity Chart

A line chart titled "Sprint 4: Velocity Chart" with the vertical axis labeled "Velocity (hrs/day)" ranging from 0 to 35 and the horizontal axis labeled "Day (of sprint)" ranging from 1 to 8. The orange line (Series2) shows values: Day 2 = 10, Day 3 = 16, Day 4 = 4, Day 5 = 30, Day 6 = 30, Day 8 = 10.

The velocity chart above shows the efficiency in which work was able to be completed during each day of sprint 4. 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.

The graph was created by subtracting the work remaining from the current data as compared to previous days. From the graph we can see quite clearly that half of the total work for the sprint was completed on days five and six. This was a conscious decision we made to avoid a rush similar to the previous sprint in which we completed most of the work for the sprint in the last three days. Although the spread may look uneven, we saw improvement for this sprint in terms of velocity of work completed for sprint four.