Burndown Chart

Date - July 7th, 2023 – July 21st, 2023
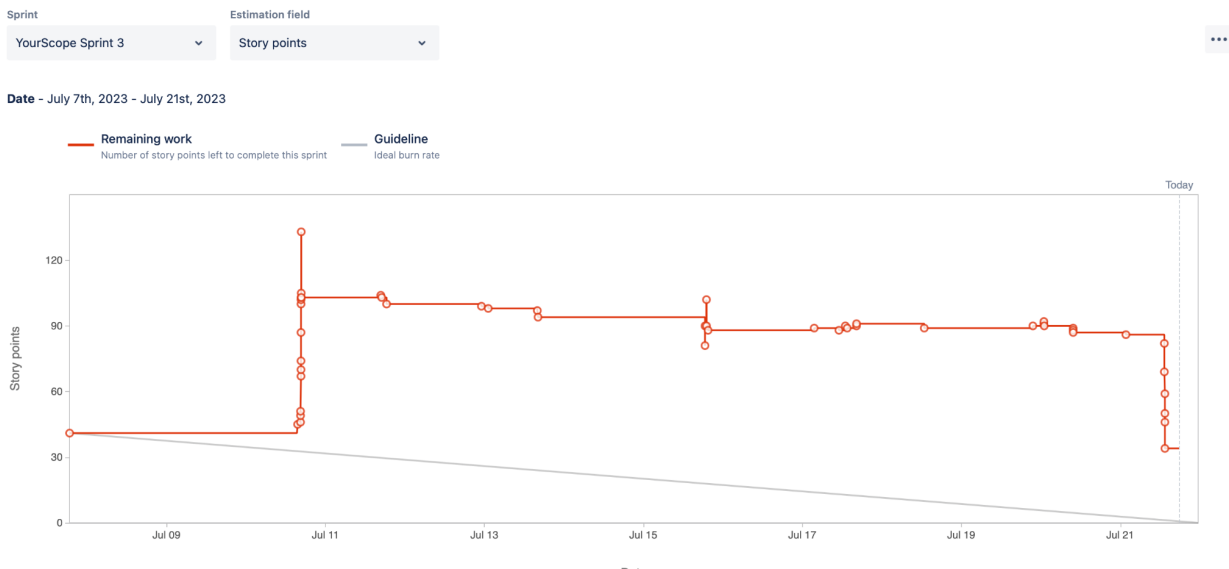

Sprint 3 Burndown Chart based on Story Points

Comments:
- Initially, it is important to mention that within the context of our project, our issues are the user stories that we created at the beginning of the project, and these stories require many individual steps to complete (front-end changes, back-end changes, database changes, etc)
  - As a result, the beginning of the burndown chart seems to be stagnant, and we only notice drops in the chart near the end, when all of the subtasks within a story are completed, and the story is marked completed as a whole.
- Each story was sub-tasked into around 3-4 tasks which were designed to be as independent from each other as possible in order to allow multiple team members to work on the same story at the same time.
- During the sprint's creation, it was accidentally started two days early, and so all the existing stories that were already inside of the sprint on Jira were the only ones that the beginning of this chart is based off of.
  - The large jump in story points around July 10 occurred due to the estimates and subtasking that was done for the sprint on that day.
  - Ideally, the team would have estimated the stories before starting the sprint, but this will be done in sprint 4 in order to produce an accurate burndown chart.
- Compared to **sprint 2**, which had a total velocity of 67 story points completed, we achieved a velocity of 92 story points in **sprint 3**.
- The team may have taken on too many tasks this sprint as there were two stories that could not be completed during this sprint and will be completed in **sprint 4**.
- **Note:** Jira only tracks *stories* in the burndown chart, and so even when all the subtasks of a story were completed, if the story itself is not marked as completed, it will not reflect in the reports.
  - As such, an automation was set-up such that when all the subtasks of a story are completed, the story will automatically be marked as complete for **sprint 4.**