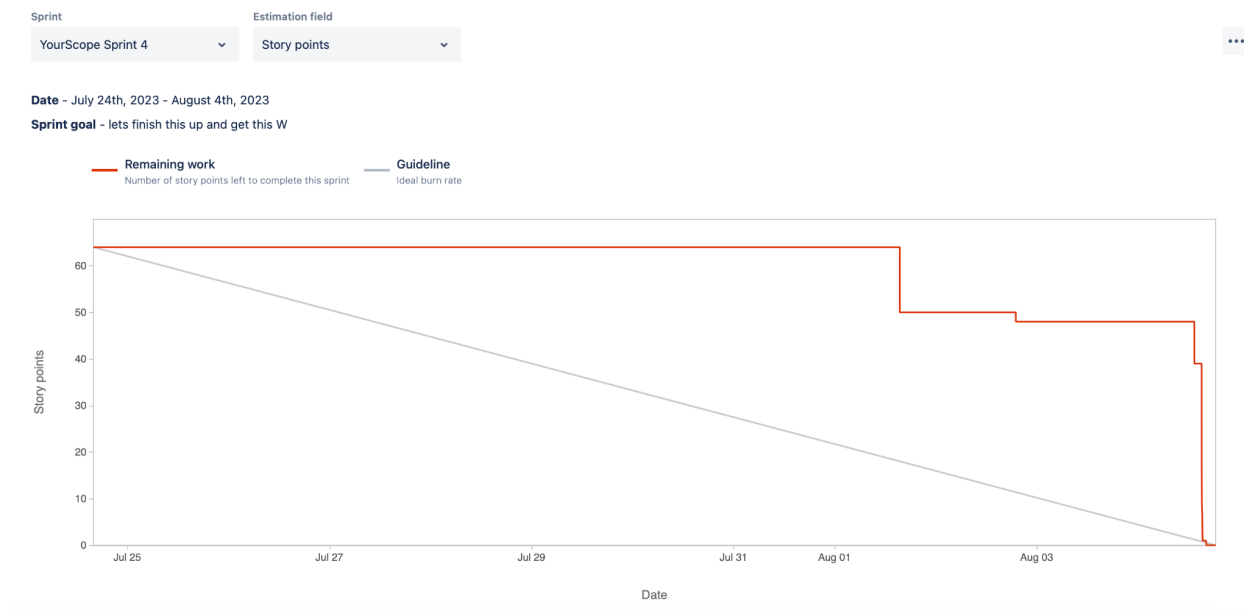


## Burndown Chart



Sprint 4 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.
- Compared to **sprint 3**, which had a total velocity of 92 story points completed, we achieved a velocity of 49 story points in **sprint 4**.
- In order to avoid not finishing the project by the end of **sprint 4**, the team took on a larger workload in **sprint 3**, which is one reason why the velocity dropped significantly since the previous sprint.
  - As a result of this, the team was able to complete all user stories for the project as well as perform some extra UI enhancements along the way.
- At the end of the previous sprint, 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**.
  - This automation allowed developers to focus on implementing features and finishing tasks rather than remembering to mark stories as complete on Jira.