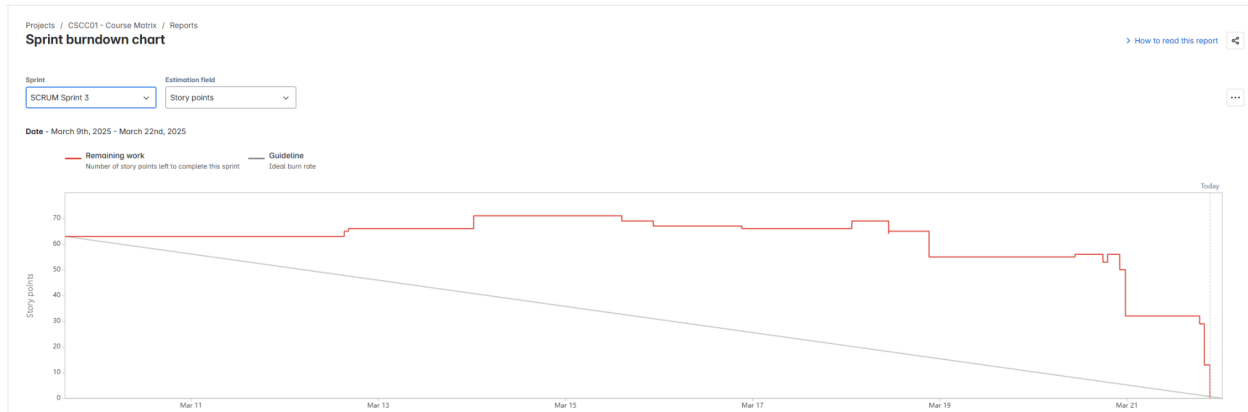


## Course Matrix/term-group-project-c01w25-project-course-matrix

### Burndown Sprint 3 - Chart

When: 3/21/2025 at 9:00 pm



### Previous vs Current Sprint

#### Difference in Velocity

For Sprint 3 our velocity increased greatly compared to Sprint 2. In Sprint 3 we managed to complete close to 60 user story points compared to just 38 for Sprint 2.

#### Reason for Change in Velocity

Sprint 3's velocity was much higher compared to that of sprint 2 due to several key factors:

1. Several high-story-point user stories that remained incomplete in Sprint 2 were pushed to Sprint 3. Since these stories had already been partially developed, we were able to quickly finalize them in Sprint 3, leading to an apparent boost in velocity. Although JIRA recorded 60 completed user story points in Sprint 3, it is important to note that a significant portion of these stories were developed during Sprint 2. The carryover effect resulted in an inflation of the total points recorded for Sprint 3.
2. Unlike Sprint 2, which encountered multiple critical points, Sprint 3 faced only one major bottleneck (Timetable basics/insertion) that needed to be developed from scratch. This reduction in obstacles allowed the team to maintain a steady workflow and complete tasks more efficiently.

3. After nearly three months of working on this project, our team developed a deeper understanding of the system, enabling us to work more efficiently. With minimal need for additional planning, and trial-error process, we were able to proceed directly with development, further increasing velocity.