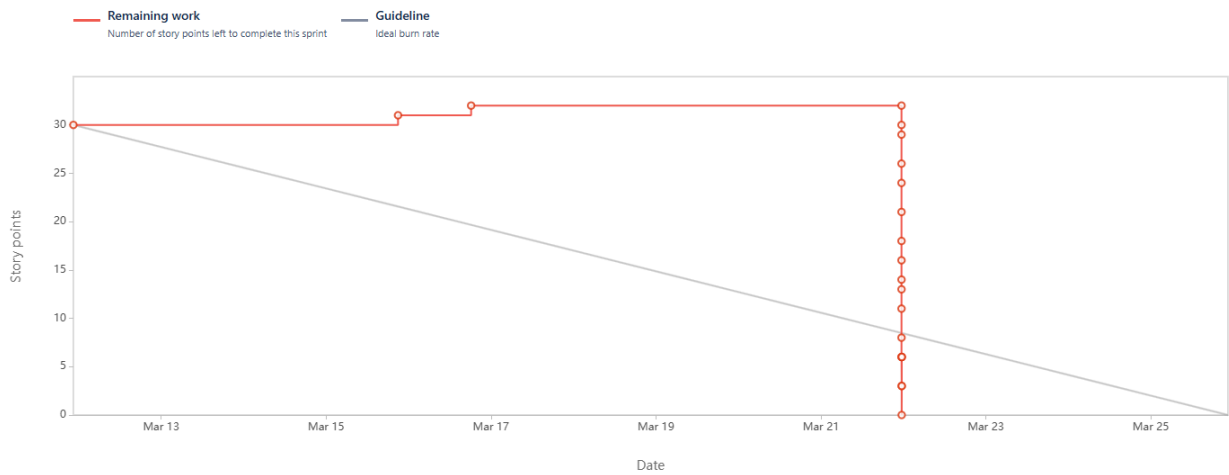# Sprint 3 Burndown Chart Analysis

Date - March 11th, 2025 - March 25th, 2025

Sprint Overview

- **Sprint Name:** SCRUM Sprint 3

- **Sprint Duration:** March 11, 2025 – March 25, 2025

- **Estimation Field:** Story Points

- **Total Story Points at Sprint Start:** 30

- **Scope Adjustments:** Final commitment: **32** story points

- **Completed Work:** 26 story points

- **Incomplete Work:** 6 story points (SCRUM-53, SCRUM-56)

Burndown Chart Analysis

The Sprint 3 burndown chart exhibits a flat trajectory from March 11 to March 20, indicating that story point completion was concentrated toward the end of the sprint. During the first week, most team members were engaged with midterms, which naturally shifted the development focus to the latter half. A sharp vertical drop on March 21 reflects the successful completion of a large batch of work. While two stories (SCRUM-53 and SCRUM-56) remained in progress by the end, the team was able to maintain steady collaboration and ensure most deliverables were met within the timeframe.

Velocity Comparison

- **Sprint 2 Velocity:** 44 SP

- **Sprint 3 Velocity:** 26 SP

- **Change:** –18 SP

The reduced velocity was partly due to a **focus on critical core features** such as **authentication**, **receipt OCR**, **UI unification**, and **deletion systems**. In contrast to Sprint 2, Sprint 3 did not expand scope mid-sprint with new stories but rather cycled in/out existing ones due to coordination and priority adjustments.