

DEVX360

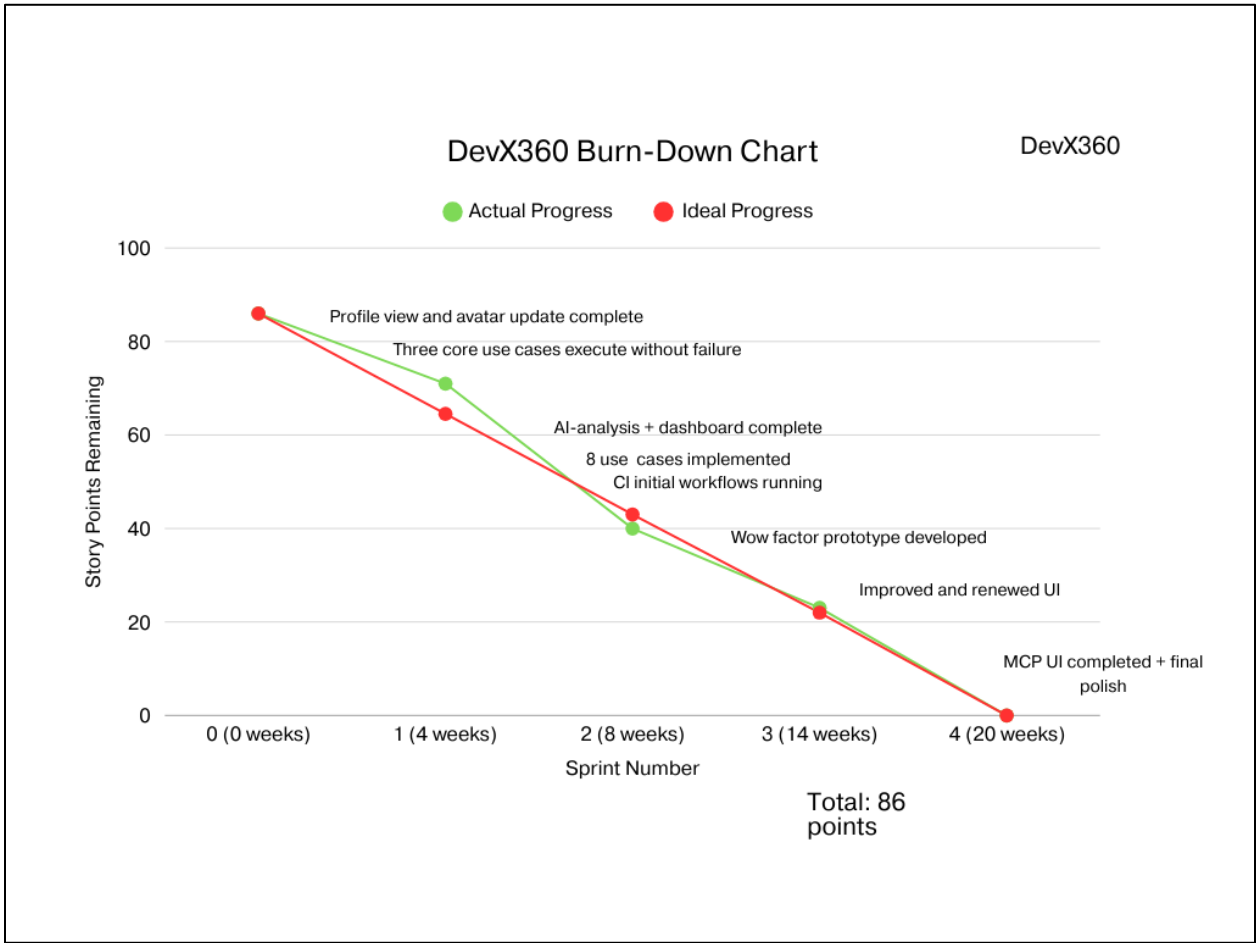
Sipho Sehlapelo
Kesley Hamann
Sibusiso Mngomezulu
Lwando Msindo
David Musa-Aisien

DevX360 Burn-Down Chart

Introduction

The DevX360 Burn-Down Chart visually tracks project progress across all sprints, showing completed work versus planned tasks. It highlights milestones, identifies potential delays, and ensures the team stays aligned with deadlines.

DevX360 is developed in four sprints, each building on the previous: starting with a functional front-end and back-end skeleton, expanding use cases, refining CI/CD, optimizing performance, and enhancing the user interface. The burn-down chart makes it easy to see how work is progressing toward delivering a fully deployable, high-quality product.



The diagram presented alongside this chart includes annotated notes and visual estimations of the project’s most important and challenging milestones. It highlights both planned (ideal) progress and the actual progress achieved throughout the sprints.

The difference between the ideal and actual progress can largely be attributed to the structuring of the demo requirements. In particular, Demo 2 required the development of eight use cases, which increased the workload significantly. Additionally, the implementation of one of the more complex use cases introduced higher system demands, resulting in a heavier load for that sprint and a temporary deviation from the ideal progress line. The final sprint focused on system polish, including performance optimization, extended testing, and full deployment, which brought the project to its completion goals.