## **Sprint 2 Burndown**

**Planned Sprint Duration:**

2 weeks (10 working days)

**Task Progression:**

| **Day** | **Tasks Remaining** | **Explanation** |
| --- | --- | --- |
| 0 | 15 | Start of sprint, all tasks pending. |
| 1 | 14 | Tied login info to an account completed. |
| 2 | 13 | Created initial account details saved to DB. |
| 3 | 12 | Implemented page for meal tracking. |
| 4 | 11 | API routes for creating meals partially completed. |
| 5 | 10 | Implemented DB in prisma.schema file. |
| 6 | 9 | Backend: Added exercises to workouts. |
| 7 | 9 | No tasks completed; blockers encountered. |
| 8 | 9 | No progress made; worked on Task 19, delayed. |
| 9 | 9 | Partial progress on API routes to create workout templates. |
| 10 | 9 | Sprint ends with 9 tasks completed, backlog created. |

**Burndown Chart**

**Planned vs. Actual Velocity Comparison:**

* Planned velocity: 1.5 tasks/day.
* Actual velocity: 0.9 tasks/day.
* Velocity decreased due to unforeseen blockers and delays in Task 19 and API route-related tasks.

**Reasons for Velocity Change:**

* Dependencies were not adequately prioritized during sprint planning, causing delays.
* Team members were unavailable on some days, affecting progress.

**Lessons Learned:**

* Improved dependency management is crucial to avoid blockers.
* Allocating more resources to critical tasks ensures consistent progress.

**Next Sprint Goals:**

* Better planning to account for interdependencies.
* Regular check-ins to address blockers early.