Burndown Report (burndown.pdf)

Group 17-Film Owl

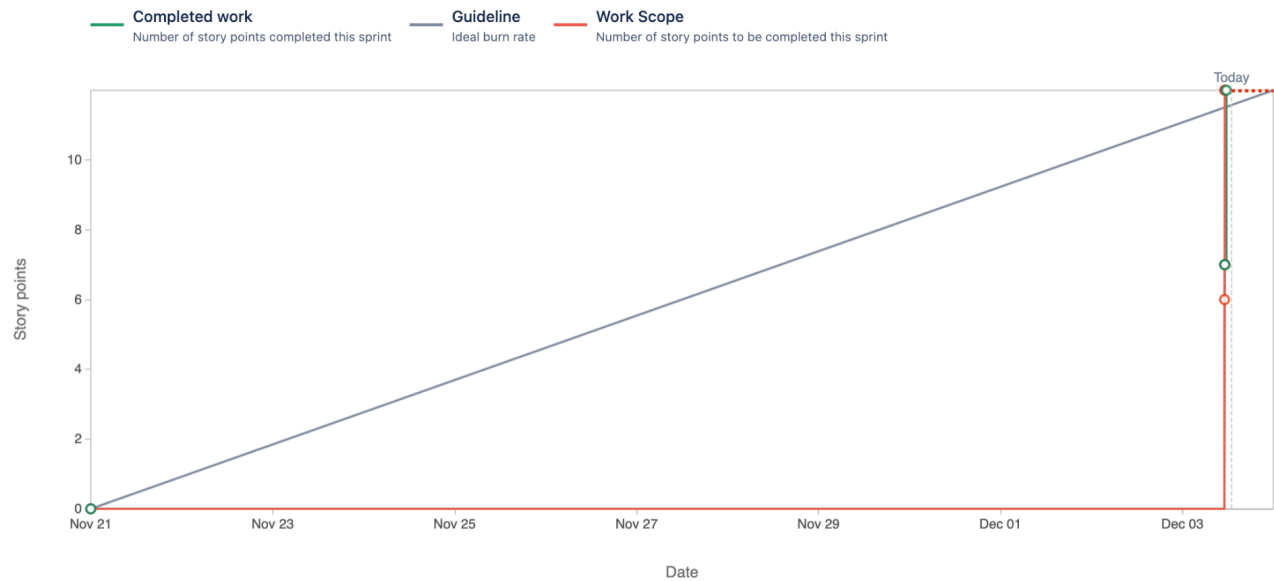## Burnup report

Sprint

GF Sprint 2

Estimation field

Story points

Date - November 21st, 2024 - December 3rd, 2024

Sprint goal – To enhance user management capabilities for Film Owl by implementing secure account creation, login, and logout features. Additionally, provides logged-in users with the ability to favourite movies and manage/view a personalized list of favourite movies.

Completed work
Number of story points completed this sprint

Guideline
Ideal burn rate

Work Scope
Number of story points to be completed this sprint

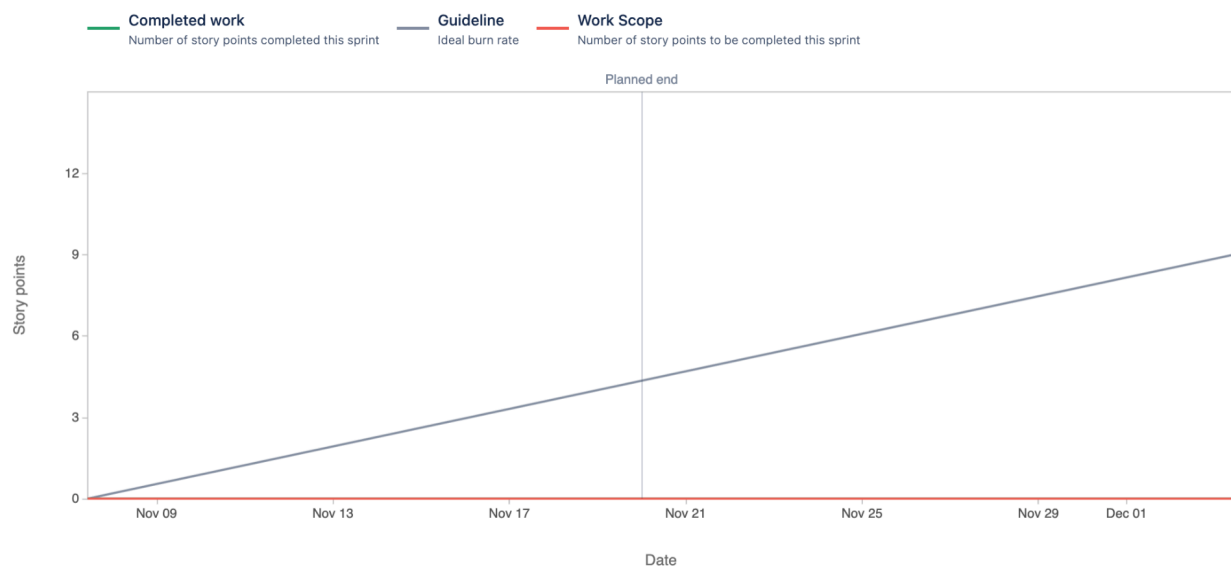## Burnup report

Sprint

GF Sprint 1

Estimation field

Story points

Date - November 7th, 2024 - November 19th, 2024

Sprint goal – To deliver a functional landing page with a search engine, allowing users to search for movies by name and view detailed movie information. The data will be retrieved from the OMDB API and stored in a local database.

Completed work
Number of story points completed this sprint

Guideline
Ideal burn rate

Work Scope
Number of story points to be completed this sprint

Comments on the Burndown Charts:

1. **Sprint 1 Analysis:**
   - **Goal:** Deliver a functional landing page, search bar, and movie details page.
   - **Progress:** There was an ideal progression with tasks distributed evenly over the sprint duration, achieving the goal within the allocated story points (13 points).
   - **Observation:** All the planned user stories were completed, reflecting effective sprint planning and task prioritization. The velocity for Sprint 1 was 13 story points, with no spillover to the next sprint.
2. **Sprint 2 Analysis:**
   - **Goal:** Enhance user management capabilities and implement the Favourites Page.
   - **Progress:** *(the Gnatt chart should have depicted this)*The sprint reflects the successful completion of tasks and user points.
   - **Observation:** The planned velocity for Sprint 2 was 12 story points, and all tasks were completed. The team maintained a consistent velocity between sprints by focusing on key functionalities.
3. **Jira Gantt Inaccuracy:**
   - The Gantt chart misrepresents the timeline as it allocates tasks based on the date of creation rather than the actual work dates. Our task tracking was managed in Trello, which did not support detailed chart generation, necessitating the use of Jira for reporting. This limitation caused misalignment in representing task progression accurately.
4. **Velocity Consistency:**
   - The velocity remained consistent across both sprints (13 points in Sprint 1 and 12 points in Sprint 2).
   - **Why Velocity Did Not Change:**
     1. **Effective Prioritization:**
        - Sprint 1 focused on core functionalities (search, browse movies), setting the foundation for additional user personalization features.
        - Sprint 2 focused on account management and personalized favourite lists, ensuring the scope was realistic and deliverable within the sprint timeline.
     2. **Stable Team Capacity:**
        - Team members allocated consistent hours across both sprints, allowing for sustained productivity without overextension.
     3. **Streamlined Workflow:**
        - Clear task breakdowns and dependencies minimized blockers, ensuring smooth transitions between tasks.

Observations and Improvements:

- **Task Dependency Issues:**
  The Gantt chart would have highlighted dependencies, such as completing account registration (backend) before integrating the login functionality. While dependencies were managed effectively, the reporting discrepancies (due to Jira's task allocation) masked this planning effort.
- **Future Adjustments:**
  - Transition all task tracking to a unified platform to avoid discrepancies.
  - Ensure implementation of backend endpoints is managed early.

- We can see our scheduled epics/user stories addressed in each sprint in the below diagram accurately (*created using Jira-Timeline*):