Report Sprint 1 DEV
(Sprint 4)

Actual dates of the sprint: 27 november 2023 - 10 december 2023

       Some of the tasks from this sprint ended up taking more time than we planned so we moved them to the second sprint. This happened because we decided to switch up the libraries and frameworks we were using in the frontend. We wanted to make sure we were using the latest and best tools for the job. Although it meant putting in extra hours to make these changes, we believe it was crucial for improving performance and keeping up with industry standards. Even though the shift in tech slowed us down a bit, we're optimistic that it sets us up for smoother development in the long run. Learning from this, we'll aim to streamline these kinds of updates in future sprints and avoid similar delays.

User stories & their acceptance criteria

1. As a **manager or interviewer** I want to manage job applications by accepting, rejecting or erasing them **so that** I can streamline the hiring process and maintain an organized record of applicants.

   AC1: SUCCESSFULLY rejecting a job application
   GIVEN the manager or interviewer is on the job application page,
   WHEN rejecting a candidate's application,
   THEN the system should update the application status to "Rejected"
   AND notify the candidate via email
   AND save the rejection date.

   AC2: SUCCESSFULLY accepting a job application
   GIVEN the manager or interviewer is on the job application page,
   WHEN accepting a candidate's application,
   THEN the system should update the status to "Accepted"
   AND notify the candidate via email
   AND save the acceptance date.

   AC3: SUCCESSFULLY erasing a job application
   GIVEN the manager or interviewer is on the job application page,
   WHEN erasing a candidate's application,
   THEN the system should permanently remove the application
   AND notify the candidate via email.

2. As an **applicant**, I want to withdraw my applications, **so that** I can give up on applications I am no longer interested in or created by accident.

   AC: Application withdrawal
   GIVEN the candidate has applied for a job
   AND they are not interested in that position anymore,
   WHEN they are on "MyApplications" page and click on the "WIthdraw" button,
   THEN the application details are removed from the database
   AND the application is not displayed on the "MyApplications" page anymore.

3. As a **manager**, I want the user account to be locked after three consecutive unsuccessful login attempts, **so that** we prevent account cracking.

   AC1: Locking the account after three consecutive unsuccessful login attempts
   GIVEN a user attempts to log in
   WHEN the user enters an incorrect password for the third consecutive time,
   THEN the system locks the user account
   AND prevent further login attempts until the account is unlocked.

   AC2: Automatically unlocking a locked user account after a predefined time
   GIVEN the user has his account locked
   WHEN a predefined time period (30 minutes) elapses,
   THEN the system should automatically unlock the user account.

Technical tasks (UNFINISHED, continued in the next sprint)

1. As a **frontend developer**, I want to work with a framework, so that I can build on top of a solid infrastructure base.
2. As a **frontend developer**, I want the code to be structured in components, so that I can modularize and organize my tasks better.
3. As a **frontend developer**, I want the code to use TypeScript instead of JavaScript, so that I can avoid hard to debug logic caused by type-less variables.

Burn down chart (Generated via GitHub from Roadmap View)

Burn up

Configure

The Burn up chart shows the progress of your project items over time, showing how much work has been completed and how much is left to do. Use this chart to view progress, spot trends, and identify bottlenecks to help move the project forward.

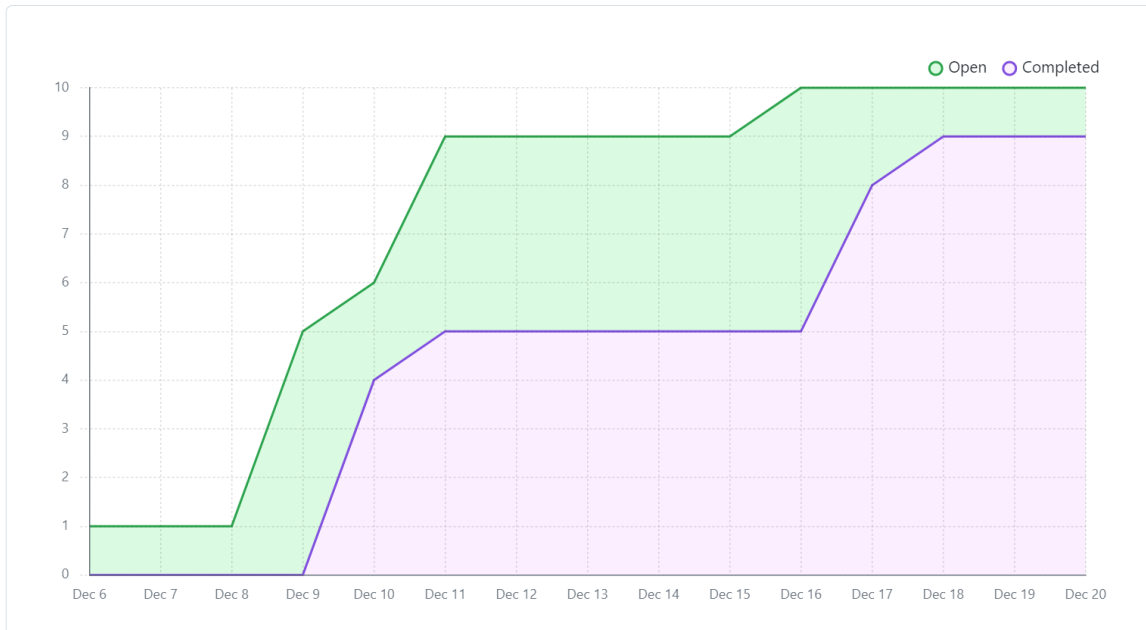is:issue -is:draft   10 ⊗   Discard

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○ Open ○ Completed

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Sprint 1 DEV (Sprint 4) Tasks:

- **Erase application (for interviewers and administrators)**
  - Urgent priority
  - Small size
- **Accept application (for interviewers and administrators)**
  - Urgent priority
  - Medium size
- **Reject application (for interviewers and administrators)**
  - Urgent priority
  - Medium size
- **Refactor the project to use a robust framework instead of plain REACT**
  - Urgent priority
  - X-Large size
  - (UNFINISHED) moved to the next sprint
- **Refactor internal code to be more component oriented**
  - Urgent priority
  - X-Large size

- - (UNFINISHED) moved to the next sprint
  - **Replace javascript with typescript to have a strongly typed programming language usage**
    - Urgent priority
    - X-Large size
    - (UNFINISHED) moved to the next sprint
  - **Implement a system for a user to be able to withdraw his application**
    - Medium priority
    - Tiny size
  - **Lock account after 3 unsuccessful login attempts**
    - Low priority
    - Small size
    - A very short extension after the sprint's deadline due to prolonged reviews that required changes

Planned Capacity

	Max Limit	Team Hours
Team members	4	
Sprint Length (Days)	14	
Hours per day	4	
Daily stand-ups (Hours/Sprint)	0	0
Planning, Review, Retrospective, Refinement (Hours/Sprint)	2	8
Other meetings (Hours/Sprint)	6	24
Total Capacity (Hours)	95	
Total Meeting Time (Hours)	32	

Sprint Capacity Planner

Member	Allocation	27 nov.	28 nov.	29 nov.	30 nov.	1 dec.	2 dec.	3 dec.	4 dec.	5 dec.	6 dec.	7 dec.	8 dec.	9 dec.	10 dec.
Ghinea Dragoș-Dumitru	104%	3	4	4	2	6	6	2	2	4	1	3	5	8	8
Iliescu Gabriel-Bogdan	37,50%	2	0	0	2	1	0	0	3	2	0	1	2	4	4
Rîncu Ștefania	18%	2	0	0	0	0	0	0	0	0	0	0	2	2	4
Trufaș Dafina	11%	2	0	0	0	0	0	0	0	0	0	0	0	0	4
													Total Team Time (Hours)		95

Notes regarding the capacity planning:

We chose to have 4 hours per day as the 100% capacity.

Ghinea Dragoș-Dumitru: although my capacity was already exceeding 100%, it was not enough to finish my assigned tasks. This indicates a problem with the horizontal fragmentation of tasks, which we will monitor carefully in the future sprints.