Sprint 2 Report

Product Name: SpeedFill
Sprint Period: Jan 29 - Feb 11th

Revision Number: 1
Revision Date: 2/28

Goal: Design and implement the finalized user interface while setting up the backend infrastructure to support core functionalities. Develop a working MVP with authentication, data storage, and AI-powered responses.

Actions to stop doing:
- Reduce excessive branching off the main branch to avoid unnecessary merge conflicts.
- Stop using JIRA for task management as it is too tedious; a Google spreadsheet is more manageable.
- Spending too much time on frontend design and the little details

Actions to start doing:
- Maintain a clean GitHub structure by limiting branches to frontend and backend to simplify merging.
- Prioritize backend development to match the structured workflow of the frontend.
- Establish styling and code workflow guidelines for frontend consistency and maintainability.

Actions to keep doing:
- Continue in-person scrum meetings to improve engagement and team alignment.
- Stay on top of assigned tasks to prevent delays and maintain sprint momentum.
- Maintain strong communication via Discord to address issues and updates promptly.
- Keep the TA informed about team progress, challenges, and workflow adjustments.

Work completed:
- Design a input forms page with resume upload, job description box, and additional details area [4 Hours]
- Design a login/signup page [4 Hours]
- Implement login/signup page [6 Hours]
- Setup Firebase for Authentication [1 Hour]
- Setup Firebase Cloud to store user data (PDFS, responses)[1 Hour]

- Setup Firebase Storage for file uploading [1 Hour]
- Design a dashboard page to edit user information and access previously uploaded and generated results [4 Hours]
- Create a better AI prompt for Resume Analysis [1 Hour]
- Create a better AI prompt for Cover Letter Generation [1 Hour]
- Design results components for cover letter and resume analysis [3 Hours]
- Write a backend hook to convert a PDF into plain text [2 Hours]

Work not completed:
- Implement the forms page [6 Hours]
- Write a backend hook for adding and retrieving user data [3 Hours]
- Write a backend hook for authenticating users [2 Hours]
- Write a backend hook to convert a PDF into plain text [2 Hours]
- Write a backend hook for adding and retrieving PDFs [3 Hours]
- Implement dashboard UI [6 Hours]
- Connect dashboard to display user's associated info from Firebase [3 Hours]
- Create a better AI prompt to answer additional questions [1 Hour]
- Implement results components for cover letter and resume analysis [6 Hours]
- Connect results components routing to forms interface and backend [2 Hours]

Work Completion Rate:
- Fully completed **0** user stories out of **4**:
- Mostly Completed **3** user stories out of **4**:
    - "As a user, I want the website to remember my information so that I can avoid repeating tasks and save time**.**"
    - "As a user, I want to be able to access and reuse previous documents so that I can reuse and reference them later."
    - As a user, I want clear and concise information so that I can easily apply the advice to my job applications.
- Did not complete **1** user story out of **4:**
    - "As a job seeker, I want to easily provide my personal and professional information so that I can receive relevant assistance in my job search."

Total Number of Estimated Ideal Work Hours Completed: **27**
Total Number of Days During Sprint 1: **14**
User Stories/Day: ~**0.16 user stories / day**
Ideal Work Hours/Day: ~**1.78 work hours/day**

Burnup Chart: