

Sprint 3 Plan

Product Name: SpeedFill

Revision Number: 1

Revision Date: 3/5

Sprint Period: Feb 11 - Feb 25th

Goal: Complete any remaining backlog from Sprint 2 while beginning development of the Google extension, focusing on job application autofill and data integration with the website. Ensure users can save and retrieve relevant information seamlessly across both platforms.

Task List (organized by user stories):

1. **[Must Have] [Backlog]** 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. **[6 Total Hours]**
 - Task 1: Implement forms page with resume upload, job description box, and additional details area **[6 Hours]**
2. **[Must Have] [Backlog]** As a user, I want the website to remember my information so that I can avoid repeating tasks and save time **[5 Total Hours]**
 - Task 1: Migrate backend hook for adding and retrieving user data to Supabase **[3 Hours]**
 - Task 2: Migrate backend hook for authenticating users to Supabase **[2 Hours]**
3. **[Must Have] [Backlog]** As a user, I want to be able to access and reuse previous documents so that I can reuse and reference them later. **[20 Hours]**
 - Task 2: Write a backend hook for adding and retrieving PDFs **[3 Hours]**
 - Task 3: Implement dashboard UI **[6 Hours]**
 - Task 4: Connect dashboard to display user's associated info from Supabase **[7 Hours]**
 - Task 5: Migrate backend to use Supabase instead of Firebase **[4 Hours]**
4. **[Must Have] [Backlog]** As a user, I want clear and concise information so that I can easily apply the advice to my job applications. **[9 Total Hours]**
 - Task 1: Create a better AI prompt to answer additional questions **[1 Hour]**

- Task 2: Implement results components for cover letter and resume analysis [**6 Hours**]
 - Task 3: Connect results components routing to forms interface and backend [**2 Hours**]
 - Task 4: Redo the styling of frontend components with better css practices [**4 Hours**]
5. **[Must Have]** As a job applicant, I want to be able to automatically fill out job application pages so that I can save time. [**11 Total Hours**]
- Task 1: Design a brand logo for the google extension [**2 Hours**]
 - Task 2: Design the UI for the google extension, login form and button to autofill page [**4 Hours**]
 - Task 3: Implement frontend components for the extension, including a popup interface for user interaction and login [**2 Hours**]
 - Task 4: Develop a script that scans job application web pages to detect input fields (e.g., name, email, experience, education) [**3 Hours**]
6. **[Must Have]** As a user, I want an extension to save my information so I can easily access relevant information about myself [**4 Total Hours**]
- Task 1: Setup connection between google chrome extension and Supabase database to store and retrieve user information [**2 Hours**]
 - Task 2: Implement auth within extension to let users login [**2 Hours**]

Team Roles

- Charles - **Product Manager, Backend Developer**
- Andy - **Frontend Developer**
- Colin - **Frontend Developer**
- Chan - **Backend Developer**
- Raj - **Backend Developer**

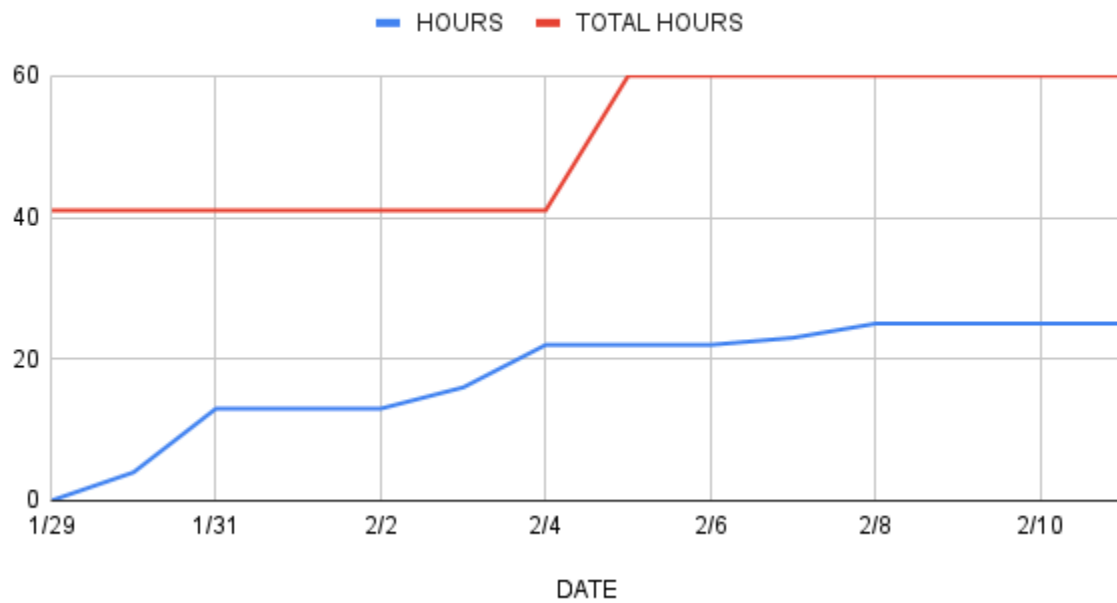
Initial Task assignment

- Charles
 - **User Story 2** - Task 1
 - **User Story 3** - Task 1, 2, 4, 5
 - **User Story 4** - Task 3
- Andy
 - **User Story 3** - Task 3
 - **User Story 4** - Task 2
 - **User Story 5** - Task 1, 2, 3

- Colin
 - User Story 1 - Task 1
 - User Story 2 - Task 1, 2
 - User Story 5 - Task 4
 - User Story 6 - 1, 2
- Chan
 - User Story 4 - Task 1, 2
- Raj
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Initial Burnup

Sprint 3 Initial Burnup Chart



Initial Scrum Board

TO DO	IN PROGRESS	DONE	BLOCKED	BACKLOG
		Design a login/signup page [4 Hours]		Write backend hook to output job description via URL [1 Hour]
		Implement login/signup page [6 Hours]		Write frontend section to show response from backend Gemini response after user submits information [2 Hour]
		Setup Firebase for Authentication [1 Hour]		
		Setup Firebase Cloud to store user data (PDFS, responses)[1 Hour]		
			Write a backend hook for adding and retrieving user data [3 Hours]	
	Write a backend hook for authenticating users [2 Hours]			
		Setup Firebase Storage for file uploading [1 Hour]		
	Write a backend hook to convert a PDF into plain text [2 Hours]			
			Write a backend hook for adding and retrieving PDFs [3 Hours]	
		Design a input forms page with resume upload, job description box, and additional details area [4 Hours]		
	Implement a forms page [6 Hours]			
		Design a dashboard page to edit user information and access previously uploaded and generated results [4 Hours]		
	Implement dashboard UI [6 Hours]			
				Connect dashboard to display user's associated info from Firebase [7 Hours]
		Create a better AI prompt for Resume Analysis [1 Hour]		
		Create a better AI prompt for Cover Letter Generation [1 Hour]		
	Create a better AI prompt to answer additional questions [1 Hour]			
		Design results components for cover letter and resume analysis [3 Hours]		
	Implement results components for cover letter and resume analysis [6 Hours]			
	Connect results components routing to forms interface and backend [2 Hours]			

TO DO	IN PROGRESS	DONE	BLOCKED	BACKLOG
	Implement forms page with resume upload, job description box, and additional details area [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 [7 Hours]				
Migrate backend to use Supabase instead of Firebase [4 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]				
Design a brand logo for the google extension [2 Hours]				
Design the UI for the google extension, login form and button to autofill page [4 Hours]				
Implement frontend components for the extension, including a popup interface for user interaction and login [2 Hours]				
Develop a script that scans job application web pages to detect input fields (e.g., name, email, experience, education) [3 Hours]				
Setup connection between google chrome extension and Supabase database to store and retrieve user information [2 Hours]				
Implement auth within extension to let users login [2 Hours]				
Implement backend service to extract key skills, job titles, and industries from a user's resume [5 Hours]				
Develop search feature that uses extracted keywords to scrap relevant job postings [6 Hours]				
Format and display retrieve job listing in interface within extension [2 Hours]				
Develop a web scraper that extracts key titles from job posting [3 Hours]				
Implement logic to highlight and categorize details for better readability [2 Hours]				
Display the extracted job details in a visually clear format in the extension [1 Hours]				

Scrum Times

- **Monday (Work Session) - 11AM - 12AM**
- **Wednesday (Work Session) - 12AM - 1PM**
- **Friday (TA Meeting) - 11AM - 12PM**