

Sprint 1 Plan

Product Name: SpeedFill

Sprint Period: Jan 15 - 28th

Revision Number: 2

Revision Date: 2/28

Goal: Setup our project repository and design project structure with our technology stack.
Create a brief proof of concept of our user interactions and flow.

Task List (organized by user stories):

1. **[Must Have]** As a team member, I want to establish a clear project structure so that development runs smoothly and consistently across all team members. **[5 Total Hours]**
 - Task 1: Create our github repository and register our Vercel project **[2 Hours]**
 - Task 2: Establish a channel of communication and meeting times **[1 Hour]**
 - Task 3: Create Next.js and import Material UI components **[2 Hours]**
2. **[Must Have]** 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. **[8 Total Hours]**
 - Task 1: Create a resume upload section to receive client-side file uploads **[2 Hour]**
 - Task 2: Create job information section to handle copy/paste job description from user **[2 Hour]**
 - Task 3: Create frontend form & submit functionality to send information to backend route **[2 Hour]**
 - Task 4: Write frontend section to show response from backend Gemini response after user submits information **[2 Hour]**
3. **[Must Have]** As a job seeker, I want the system to understand the information I share and provide valuable insights to help me improve my job applications **[7 Total Hours]**
 - Task 1: Write prompt to query Gemini API with to process information given in frontend upload areas **[3 Hour]**
 - Task 2: Write backend hook to send user uploaded information to Gemini API and receive a response via JSON **[3 Hour]**
 - Task 3: Write backend hook to output job description via URL **[1 Hour]**

4. **[Optional]** As a user, I want to interact with the website smoothly without any disruptions so that I can quickly get assistance. **[7 Total Hours]**
- Write comprehensive tests regarding resume file upload edge cases **[2 Hour]**
 - Write comprehensive tests regarding job description upload edge cases **[2 Hour]**
 - Write comprehensive unit tests regarding upload to result backend pipeline **[3 Hour]**

Team Roles

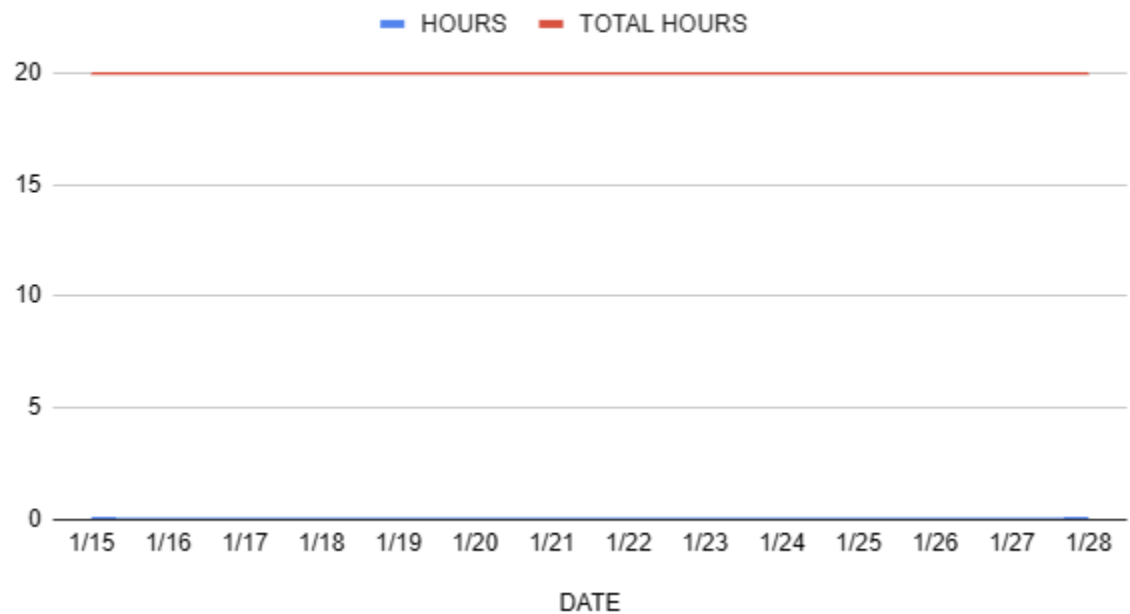
- Charles - **Product Manager, Backend Developer**
- Andy - **Frontend Developer**
- Colin - **Frontend Developer**
- Chan - **Backend Developer**
- Raj - **Backend Developer**

Initial Task assignment

- Charles
 - **User Story 1** - Task 1, 2, 3
 - **User Story 3** - Task 1, 2
- Andy
 - **User Story 1** - Task 2, 3
 - **User Story 2** - Task 1, 2, 3, 4
- Colin
 - **User Story 1** - Task 2
 - **User Story 2** - Task 1, 2, 3
- Chan
 - **User Story 1** - Task 2
 - **User Story 2** - Task 1, 2, 3
 - **User Story 3** - Task 1
- Raj
 - **User Story 1** - Task 2
 - **User Story 3** - Task 3

Initial Burnup

SpeedFill - Sprint 1 Burnup Chart



Initial Scrum Board

TO DO	IN PROGRESS	DONE	BLOCKED	BACKLOG
Create our github repository and register our Vercel project [2 Hours]				
Establish a channel of communication and meeting times [1 Hour]				
Create Next.js and import Material UI components [2 Hours]				
Create a resume upload section to receive client-side file uploads [2 Hour]				
Create job information section to handle copy/paste job description from user [2 Hour]				
Create frontend form & submit functionality to send information to backend route [2 Hour]				
Write frontend section to show response from backend Gemini response after user submits information [2 Hour]				
Write prompt to query Gemini API with to process information given in frontend upload areas [2 Hour]				
Write backend hook to send user uploaded information to Gemini API and receive a response via JSON [3 Hour]				
Write backend hook to output job description via URL [1 Hour]				
Write comprehensive tests regarding resume file upload edge cases [2 Hour]				
Write comprehensive tests regarding job description upload edge cases [2 Hour]				
Write comprehensive unit tests regarding upload to result backend pipeline [3 Hour]				

Scrum Times

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