

Release Plan

SpeedFill (SpeedFill Team) - Thursday, Mar 6, 2025

Document Name: Release Plan

Product Name: SpeedFill

Team Name: SpeedFill

Release Name: SpeedFill v1.0

Release Date: 03/11/2025

Revision Number & Date: 1.0 & 03/05/2025

High-Level Goals:

1. **Establish the foundational infrastructure** - Set up the repository, define project architecture, and create initial UI components.
2. **Develops a Minimum Viable Product (MVP)** - Implement resume and job description upload, process user data via AI, and provide meaningful feedback.
3. **Ensure seamless user experience** - Enable user authentication, data storage, and interaction tracking.
4. **Expand to a browser extension** - Develop a Chrome extension to autofill job applications and store user data.
5. **Optimize application features** - Improve backend processing, UI consistency, and AI-generated responses.

User Stories defining the scope of the release

Sprint 1 (Jan 15 - Jan 28)

- **Goal:** Set up project structure, basic UI, and backend integration.

- **User Stories:**

- **(High)** As a **team member**, I want to establish a clear project structure so that development runs smoothly and consistently across all team members. *(Completed)* **[5 Story Points]**
- **(High)** 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. *(Partially Completed)* **[8 Story Points]**
- **(Medium)** As a **job seeker**, I want the system to understand my information and provide insights. *(Partially Completed)* **[7 Story Points]**
- **(Optional)** As a user, I want to interact smoothly with the website without disruptions. *(Not Completed)* **[7 Story Points]**

Sprint 2 (Jan 28 - Feb 11)

- **Goal:** Develop UI and backend functionalities for core features (MVP preparation)

- **User Stories:**

- **(High)** As a **user**, I want the website to remember my information so that I can avoid repeating tasks and save time. *(Partially Completed)* **[17 Story Points]**
- **(High)** As a **user**, I want to be able to access and reuse previous documents so that I can reuse and reference them later. *(Partially Completed)* **[19 Story Points]**
- **(Medium)** As a **user**, I want clear and concise information so that I can easily apply the advice to my job applications. *(Partially Completed)* **[14 Story Points]**

- **(High)** 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. *(Not Completed, Moved to Sprint 3)* **[8 Story Points]**

Sprint 3 (Feb 11 - Feb 25)

- **Goal:** Complete backlog items and begin Chrome extension development
- **User Stories:**
 - **(High)** 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. *(Completed from Sprint 2)* **[6 Story Points]**
 - **(Medium)** As a **user**, I want clear and concise information so that I can easily apply the advice to my job applications. *(Mostly Completed)* **[9 Story Points]**
 - **(Medium)** As a **user**, I want to be able to access and reuse previous documents so that I can reuse and reference them later. *(Mostly Completed)* **[20 Story Points]**
 - **(High)** As a **user**, I want the website to remember my information so that I can avoid repeating tasks and save time. *(Not Completed)* **[5 Story Points]**
 - **(High)** As a **job applicant**, I want to be able to automatically fill out job application pages so that I can save time. *(Started, not completed)* **[11 Story Points]**
 - **(Medium)** As a **user**, I want an extension to save my information so I can easily access relevant information about myself. *(Not Completed)* **[4 Story Points]**
 - **(Low)** As a **user**, I want to be able to automatically find relevant jobs so that I can quickly apply for opportunities without having to search manually. *(Not Completed)* **[13 Story Points]**

- **(Low)** As a **user**, I want to be able to identify the key details of a job posting so I can focus on the important information. *(Not Completed)*
[6 Story Points]

Sprint 4 (Feb 26 - Mar 12)

- **Goal:** Complete backlog from Sprint 3
- **User Stories (Planned, In Progress):**
 - **(High)** As a **user**, I want to be able to access and reuse previous documents so that I can reuse and reference them later. *(Finalizing backend storage integration)* **[8 Story Points]**
 - **(High)** As a **user**, I want clear and concise information so that I can easily apply the advice to my job applications. *(Connecting UI to backend)* **[2 Story Point]**
 - **(High)** As a **job applicant**, I want to be able to automatically fill out job application pages so that I can save time. *(Developing UI & field recognition script)* **[11 Story Points]**

Sanity Check

- **Is the plan within the team's capacity?**
 - The team has worked at ~2 ideal hours per day per sprint, completing ~1-2 user stories per sprint.
 - However, due to one team member not contributing or communicating, the actual workload has fallen disproportionately on active members. This has slowed progress and increased stress on key contributors.

- Given the incomplete tasks from previous sprints, **Sprint 4 is at risk of being overloaded**, especially with the Chrome extension development.
- **Is work distribution across sprint reasonable?**
 - **Partially.** The backlog from Sprint 2 and Sprint 3 pushed additional tasks into Sprint 4
 - The team is managing the workload efficiently, but the lack of participation from one member of the team is negatively impacting progress.
- **Are infrastructure tasks accounted for?**
 - Yes, major adjustments were made to improve project stability, including:
 - Migration from Firebase to Supabase for better data handling.
 - Code workflow improvements to avoid unnecessary merge conflicts.
 - Scrum meeting optimizations to improve team alignment.
- **Challenges & Adjustments:**
 - A non-contributing team member is affecting overall progress.
 - The remaining team members may need to adjust workload assignment to cover the gap
 - If necessary, certain lower-priority tasks (like job-finding automation) should be moved to the product backlog for future releases.
 - UI styling & frontend-backend integration took longer than expected, impacting Sprint 2 & 3 progress.
 - Google extension development started late, requiring focused efforts in Sprint 4.

Product Backlog

1. **(Medium)** As a **user**, I want an extension to save my information so I can easily access relevant information about myself. *(Planned in Sprint 4, not completed yet)*
2. **(Low)** As a **user**, I want to be able to automatically find relevant jobs so that I can quickly apply for opportunities without having to search manually. *(Optional, deprioritized)*
3. **(Low)** As a **user**, I want an extension to save my information so I can easily access relevant information about myself. *(Optional, deprioritized)*

Final Notes

- The release plan will be updated after Sprint 4 completion.
- The product backlog may influence future iterations depending on feedback.
- SpeedFill v1.0 will launch with core functionalities and dashboard history