

DEI Builders

AI Backlog Refinement Log

1. AI Tool Documentation

Tools Used: (ChatGPT)

2. Prompt History

Date	Prompt to AI	AI Response
2025-09-07	“Based on the DEI Career Website. I need to create a product backlog but can you teach me what is and what it’s for. I need to identify epics and break those epics into user stories written from end-perspective. I also need to include acceptance criteria and ensure the stories prioritize what’s most important to the user and project goals.”	AI explained what a backlog is, its purpose, the difference between epics and user stories, and how to write acceptance criteria. Provided a sample backlog with example epics, stories, and priorities.
2025-09-07	“For this backlog draft I need to have 3 epics and 6-10 user stories.”	AI created a backlog with exactly 3 epics, 6–10 user stories, and acceptance criteria.
2025-09-07	“I feel the main aspect would be job/program matching based on resume but that would also be using AI too.”	AI revised the backlog so Epic 1 focused on AI-powered job/program matching, keeping mentorship and career resources as Epics 2 and 3.
2025-09-07	“Epic 3 should be more about the coding workshops and mental health resources.”	AI replaced the original Epic 3 with “Skill Development & Well-Being Support” featuring coding workshops, event registration, and mental health resources.

Date	Prompt to AI	AI Response
09/07/25	How should I rank the priority of user for epic 3 from High, Medium, and Low?	“The first user story should High, the second should Medium and the third should be Medium as well.

3. Evidence of AI Use

Based on the DEI Career Website, I need to create a product backlog but can you teach me what is and what its for. I need to identify epics and break those epics into user stories written from end-perspective I also need to include acceptance criteria and ensure the stories prioritize what's most important to the user and project goals

Got it — I can walk you through this step-by-step so you understand what a **product backlog** is, how it fits into your **DEI Career Website** project, and how to write **epics**, **user stories**, and **acceptance criteria** that align with your goals.

What is a Product Backlog & Its Purpose

A **product backlog** is a prioritized list of everything that needs to be developed, fixed, or improved for your project. It's **owned by the Product Owner** (or Project Manager in your case) and is **always evolving** as you get feedback, add features, or change priorities.

Purpose:

- Acts as a **to-do list** for your development team.
- Keeps everyone aligned on **what's most important**.
- Ensures that the work directly supports **project goals** and **end-user needs**.
- Helps plan **sprints** in Agile development.

for this backlog draft I need to have 3 epics and 6-10 user stories

Perfect — let's make a **draft product backlog** for your **DEI Career Website** with **3 epics** and **6-10 prioritized user stories**, each with acceptance criteria written from the **end-user perspective**.

DEI Career Website – Product Backlog (Draft)

Epic 1 – Job Search & Application

Provide students with an easy-to-use job board to search, filter, and apply for opportunities.

User Story	Acceptance Criteria	Priority
1. As a student, I want to search job postings by keyword so that I can quickly find relevant roles.	- Search bar accepts keywords - Results update dynamically - Works on desktop & mobile	High
2. As a student, I want to filter job postings by location so that I can focus on opportunities near me.	- Location filter dropdown - Filters results instantly - Default view shows all locations	High
3. As a student, I want to apply for jobs directly through the website so that I can save time.	- "Apply" button on job listings - Application form uploads resume - Confirmation email sent	High

4. Output Evaluation

(How AI Outputs Were Used)

- **Accepted as-is:** The initial backlog structure (3 epics, user stories, and acceptance criteria) was accepted without major format changes.
- **Edited:** AI-powered matching was made the primary focus of Epic 1 to reflect project goals. AI suggestions for Epic 3 were replaced with coding workshops and mental health resources after refinement discussion.
- **Rejected:** Some example user stories from the first draft were removed because they didn't align with MVP features (e.g., resume template downloads).

5. Ethical/Professional Reflection

- As a team, we used AI as a **support tool** to speed up backlog creation while ensuring outputs aligned with our project goals for the DEI Career Website. All suggestions were reviewed collectively, with final decisions made by consensus.

6. Project Contribution

Using AI accelerated the backlog creation process by:

- Quickly structuring the backlog into **epics, user stories, and acceptance criteria**.
- Provided **clear examples** that could be directly adapted into the project documentation.
- Allowed for **rapid iteration** when project goals shifted (e.g., making AI job matching the core feature).