

Sprint 4 Plan

Product: Dress To Impress

Team: Wired

Completion Date:

Revision Number: 1

Revision Date: 11/18/2025

Goal:

As of the beginning of this sprint, we have completed our MVP for the Dress to Impress app, which is a fully functional and integrated wardrobe app that allows users to make an account and digitally log the clothes they own and make and save outfits with these images. On their profile page, they are able to view the statistics of their account, such as their most popular clothing items and how many outfits they've created.

The goal of this sprint is to work on our highest priority stretch goal which is AI Image Generation for the user to try on clothing pieces and outfits. We also want to identify bugs and edge cases for our testing plan. Additional stretch goals include AI Recommendations based on event and weather and polishing the UI elements of the app to make it more visually appealing and user friendly.

Sarone:

Sofia:

Shivani:

Jenny:

Sona:

Sprint 4 – AI Image Generation

- **User Story 4.1 [CONTINUATION OF SPRINT 3]** As a user, I want to be able to visualize my own clothing on myself so that I can try on clothes without going through the effort of putting them on [13 points]
 - Generate outfit images with clothing combinations selected by user. Given some outfit already saved in supabase, system returns a single composited image of the entire outfit. That image should then be saved.
 - Task 1: Set up OpenAI API key
 - Task 2: create storage system for profile image
 - Task 3: handle profile upload to Supabase and create endpoint to fetch profile image
 - Task 4: Integrate OpenAI API
 - Task 5: Fetch selected items and profile images
 - Task 6: (Compositing) Prompt engineer
 - Task 7: Handle return/errors

- **User Story 4.2** As a user, I want to upload and save a body profile image so that I can view outfits on my body
- **User Story 4.3** As a user, I want to save AI-generated outfits so that I can revisit them for inspiration
 - Task 1. Create storage system for generated outfit images
 - Task 2: Create endpoints for posting/fetching generated images
 - Task 3: create display for generated outfits
- **User Story 4.4** As a user, I want to be able to view details of the outfits I generated
 - Task 1. Create a pop up module when user selects outfit to view all items
- **User Story 4.5** As a user, I want to be able to log out and have all of my information saved despite not being on the app. [5 points] - sofia
 - Create frontend log out button
 - Wire to the backend so that log out function works
 - Write a small test to verify that once logged out, a user can log back in and view their own information again.
- **User Story 4.6** As a user, I want to be able to create outfits complete outfits with different types of categories [5 point] - sona
 - Add more categories to the filtering drop down, add items page, and filtering api route
 - Add filtering based on occasion
 - Only be able to create outfits with this as the base. Outerwear and Accessories are additional
 - Shirt + pants/short/skirt + shoes
 - Dress + shoes
 - Change the outfits page so that more clothing items can be visible and also have it be limited to 8 items max per outfit.
- **User Story 4.8** As a user I want to be able to edit item details so I can easily search for them
 - Edit item details view to include “tags” and “occasion”
 - Include more information on the general modal while not in editing mode

-
- **[STRETCH] User Story 4.7** As a user I want to see more statistics/ai recommendations based on how often i wear clothes and outfits
 - Add statistics to see what clothes have not been worn recently based on last worn column, suggest donation after each month
 - Create more frontend components based on profile card implemented in sprint 3

- Add ai suggestions to remove closet items
- [STRETCH] **User story 4.9** As a user, I want an app that is visually appealing and easy to navigate
 - Mainly frontend tasks
 - Task 1: change responsiveness for the wardrobe page, adjust number of items in a row
 - Task 2: implement view details for the outfits page
 - Task 3: Make filtering component more user friendly
 - Task 4: Fix up create outfit selection bar
 - Task 5: update ai page to work similarly to the outfits page
- [STRETCH] **User Story 4.10** As a user, I want to be able to create folders for outfits so that I can separate outfits into categories of my choosing. For example: winter outfits, vacation outfits, etc.
 - Frontend component for folders
 - Add supabase table for outfit collections
 - Add test data
 - Make sure frontend can show Collections on outfits page
 - Create add collection button and ask user for name of collection
 - Change outfit combinations table to also ask for what collection the outfit belongs to
- [STRETCH] **User Story 4.11** As a user, I want to be given ideas on what to wear based on things in my closet
 - Generate outfits from existing pants, shirts, accessories based on information from tagging system (only focus on dress code)
 - Task 1: take in user's measurements and recommend silhouettes so we don't have to use an image of the users body photo

[BACKLOG] Clean up Github repository

- Task 1: to remove duplicate and unnecessary files
- Task 2: refactor Supabase handling files