Style Sense

10.09.2022

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Overview

We understand everyone doesn't have money to throw at an entirely new wardrobe. And honestly, you don't need an entirely new wardrobe, you need StyleSense. StyleSense is a web app that lets users create a digital copy of their wardrobe and helps style fashionable and sensible looks.

Minimum Viable Product

Our minimum viable product will have two main features. First, our product will allow users to upload photos in 'their closet' based on a tagging system. Second, our product will allow users to create an outfit based on those tags.

Milestones

I.   Develop Web Application

Our first major milestone will be to develop a simple, full stack web application using a Python Flask backend and React frontend.

II.   Upload Clothing Functionality

Our second major milestone will be to implement upload functionality. This will allow users to create a digital copy of their wardrobe.

III.   User Created Outfits

Our third major milestone will be to implement outfit creation. This will allow users to build outfits based on their tags.

IV.   App Suggested Outfits

Our fourth major milestone will be to implement suggested outfits. This will allow users to browse outfits created by the app based on weather or specific tags.

Major Tasks

Sprint 1:
Week of Jan. 15:
Front end: Create React project + components
Middleware: Create Python/Flask application
Back end: Create PostgreSQL database
Week of Jan. 22:
Front end: Create React project + components
Middleware: Create GET routes in flask
Back end: Research file handling and image storage
Sprint 2:
Week of Jan. 29:
Front end: Create Static Pages
Middleware: Create GET routes in flask
Back end: Research file handling and image storage
Week of Feb. 5:
Front end: Create Static Pages
Middleware: Create POST routes in flask
Back end: Implement file handling and image storage
Sprint 3:
Week of Feb. 12:
Front end: Create 'Their Closet' with user info
Middleware: Create POST routes in flask
Back end: Implement file handling and image storage
Week of Feb. 19:
Front end: Create 'Their Closet' with user info
Middleware: Create PUT routes in flask
Back end: Modify database to include any additional data / functionality
Sprint 4:
Week of Feb. 26:
Front end: Create 'Their outfits'
Middleware: Create PUT routes in flask
Back end: Modify database to include any additional data / functionality
Week of Mar. 5:
Front end: Create 'Their outfits'
Middleware: Modify additional routes to handle updated frontend functionality
Back end: Modify database to include any additional data / functionality
Week of Mar. 12:
Front end: NOTHING. It's spring break
Middleware: NOTHING. It's spring break

Back end: NOTHING. It's spring break
Sprint 5:
Week of Mar. 19 - Week of Mar. 26:
Front end: Finesse front end
Middleware: Modify additional routes to handle updated frontend functionality
Back end: Modify database to include any additional data / functionality
Week of Apr. 2:
Front end: Extra week
Middleware: Extra week
Back end: Extra week
Week of Apr. 9:
Front end: Extra week
Middleware: Extra week
Back end: Extra week
Week of Apr. 16:
Front end: Extra week
Middleware: Extra week
Back end: Extra week

Systems Overview