induō

Shop Your Closet!

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My closet

Problem

Do you ever...

- Struggle to choose outfits quickly in the morning?

- Unsure how to define your personal style?

- See outfits you love but can't recreate?

- Does your room end up looking like this?

Our Solution

An AI-powered app that inputs clothing from the user's closet to curate outfits
based off of trends and personal styling via machine learning.

Target Audience

induō is for everyone
Caters to Millennials, Gen Z, & Gen Alpha

Whether you're a fashion enthusiast...

Target Audience

Or you just want quick outfit solutions

- Students
- Busy Professionals
- Social Media Users

PoC: Profile/Avatar

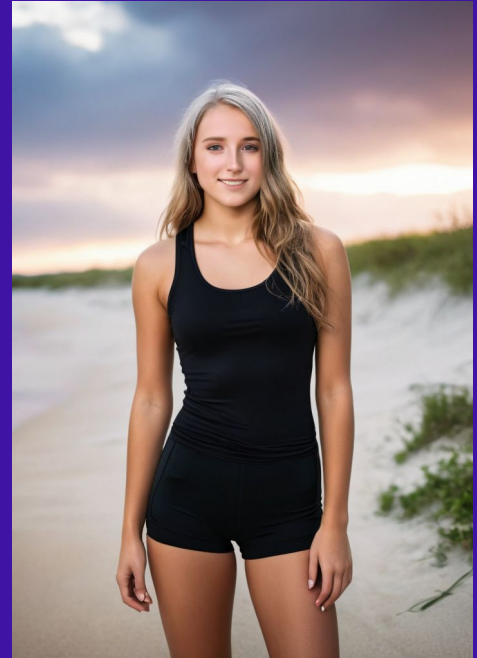Profile questions personalize a pre-established **prompt** that will address...

- **Who:** Gender, Age, Ethnicity, etc.

- **Characteristics:** Hair, Eyes, Nose, Skin Texture, Plain Clothes, etc.

- **Image Type:** Full Body

- **Scene:** In a park, On a beach, etc.

AI Face Swapping

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AI Generated User

PoC: My Digital Closet

Upload Images

Background Removal

Multimodal LLM

"This is a picture of a clothing top. **Describe it in detail**, including things like color and style, in a way that is **suitable for AI image generation**, as I will use the description in a **prompt for ultra realistic stable diffusion** of this top onto a person"
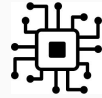
PoC: AI Generated Outfit Matching

Recreate a similar look from your closet!

Technologies

- **Frontend Framework:** Swift
  - Native iOS development

- **Backend/Database:** Firebase/Firestore
  - Authentication and cloud storage solutions

- **Multimodal LLM:** Claude.ai
  - Powers NLP and intelligent clothing descriptions

- **AI Image Generation:** Based on Stable Diffusion, Midjourney, Flux, etc.
  - Creates AI-generated outfit visualizations

- **Content-Based Recommendation System:** OpenCV/Pytorch
  - Supports swipe-based outfit recommendations using ML techniques

Justification

- **Application of learning**
  - Integration of knowledge from LMU software development courses and prior internships
- **Skill Extension**
  - Practical application of our skills
  - Solves a relatable everyday problem
  - Extends our skills in AI/ML, Prompt Engineering, Data Science, Image Generation, etc.
- **Technical Difficulty**
  - Full Stack complexity
  - Will leverage open-source tools and APIs to keep the project scope manageable

Questions?