

Project Report Template

Title of Project: AI Wardrobe

Name of the Innovator: Kamsala Mubashira

Start Date: 13-10-2025

End Date: 17-10-2025

Day 1: Empathise & Define

Step 1: Understanding the Need

- Which problem am I trying to solve?

I am solving the problem of wardrobe clutter and outfit decision fatigue. Many people struggle to organize their clothes and plan outfits efficiently. My platform uses AI to catalog wardrobes and suggest personalized daily outfits. It helps users make the most of their existing clothes and care for them properly. This reduces overbuying and promotes sustainable, stress-free fashion choices.

Step 2: What is the problem?

The problem is that many people struggle with managing their wardrobes, leading to clutter and outfit confusion. They often waste time deciding what to wear and end up buying unnecessary clothes. This lack of organization causes stress, overspending, and unsustainable fashion habits.

Why is this problem important to solve?

This problem is important to solve because disorganized wardrobes lead to wasted time, money, and clothes that go unworn. Helping people manage their clothes better promotes sustainable fashion, reduces unnecessary purchases, and lowers environmental impact. It also boosts confidence by making outfit choices easier and more enjoyable.

Take-home task

Ask 2-3 people what they think about the project:

- **Student (Young Professional):**
“I think this app is really helpful because I often struggle to decide what to wear from my messy closet. If the app can suggest outfits and help organize my clothes, it would save me a lot of time and stress.”
- **Fashion Enthusiast (Wardrobe Coach):**
“This project is great because it encourages people to use what they already own more creatively and sustainably. An AI stylist that helps plan outfits can make fashion more accessible and less wasteful.”
- **Parent:**
“I like this app because it helps my child manage their clothes better and avoid buying unnecessary items. It’s a smart way to save money and promote responsible shopping habits.”

• ”

AI Tools you can use for Step 1 and 2:

AI Tools Used:

1. Meta MGX

- Used as a no-code development tool to design and deploy the *CareerPath* app.
- It helps create interactive workflows, user interfaces, and logic without programming.
- Ideal for building features like user registration, location-based data, and skill modules.

2. ChatGPT

- Used for idea generation, content structuring, and chatbot conversation design.
- Helped in framing the AI-powered virtual assistant's responses for guiding students.
- Also useful for generating career recommendations, FAQs, and improving user interaction flow.

3. Chatbot References (Structure Design):

To design the AI virtual assistant, you can take reference from:

- Google Dialogflow – for understanding intent detection and response flow.
- IBM Watson Assistant – for creating structured Q&A and personalized career guidance.
- Microsoft Bot Framework – for understanding conversation trees and user profile integration.

Day 2: Ideate

Step 3: Brainstorming solutions

- List at least 5 different solutions (wild or realistic):
- **AI Stylist Chatbot** – A virtual assistant that suggests personalized outfit combinations based on your wardrobe and preferences.
- **Wardrobe Management Tool** – Helps users' catalogue and organize their clothes digitally for easy access and planning.
- **Sustainable Fashion Tips** – Provides lessons and advice on caring for clothes and making eco-friendly fashion choices.
- **Outfit Planning Calendar** – A mobile feature that lets users plan their outfits ahead for events or daily wear.
- **Closet Analytics** – Offers insights on clothing usage patterns to help reduce overbuying and maximize wardrobe utility.
- **AI Wardrobe Platform** – A comprehensive digital app combining AI outfit recommendations, wardrobe organization, and sustainable fashion guidance, designed to simplify style and promote mindful clothing choices.

Step 4: My favourite solution:

*My favourite solution is **AI Wardrobe**; a comprehensive digital platform designed to simplify wardrobe management and enhance personal style. It combines an AI-powered virtual stylist that offers personalized outfit recommendations, a wardrobe organization tool, and sustainable fashion guidance. The app is user-friendly, accessible anytime, and helps users make mindful clothing choices, making it a practical and impactful solution for anyone looking to reduce clutter and dress confidently*

Step 5: Why am I choosing this solution?

*I am choosing **AI Wardrobe** because it combines AI-powered outfit recommendations, wardrobe management, and sustainable fashion tips in one easy-to-use platform. It is accessible anytime and helps users make better style choices while reducing clutter and waste.*

AI Tools you can use for Step 3-5:

AI Tools for Step 3–5

1. **Meta MGX**
 - *Used to design and build the AI Wardrobe app without coding.*
 - *Helps create the AI stylist chatbot, wardrobe management features, and outfit planning tools.*
2. **ChatGPT**
 - *Assists in brainstorming outfit recommendation ideas and sustainable fashion content.*
 - *Structures conversations for the AI stylist chatbot.*
 - *Helps write user guides, tips for clothing care, and personalized style advice.*
3. **AI Chatbot References (for design and flow)**
 - **Dialog flow** – *Understands user intent and manages conversation flow for outfit suggestions.*
 - **IBM Watson Assistant** – *Designs structured Q&A to personalize style guidance.*
 - **Microsoft Bot Framework** – *Connects user inputs with outfit recommendations and wardrobe actions.*
4. **AI Research Tools**
 - **Google Scholar / Research AI** – *Explores innovative ideas in AI styling and sustainable fashion tech.*
 - **AI Text & Summarization Tools** – *Summarizes fashion trends, user feedback, and presents clear wardrobe tips.*

AI Tools you can use for the take-home task:

Day 3: Prototype & Test

Step 6: Prototype – Building my first version

What will my solution look like?

1. **Home Screen:** Welcomes the user and asks for basic info like style preferences, wardrobe size, and climate.
2. **AI-Powered Virtual Stylist:** Chat interface where users can ask for outfit suggestions, wardrobe organization tips, and clothing care advice.
3. **Wardrobe Management Section:** Tools to upload, categorize, and organize clothing items with photos and tags.
4. **Outfit Planner:** Calendar or list view to plan daily or event-specific outfits with AI recommendations.

5. **Profile Dashboard:** Tracks outfit history, clothing usage stats, and care reminders to help users make mindful fashion choices.

Design Style:

- Simple, intuitive, and easy to navigate for users of all ages.
- Bright and engaging visuals to make wardrobe management and outfit planning enjoyable.
- Mobile-friendly layout optimized for seamless use on smartphones anytime, anywhere.

Prototype Tools:

- Built using **Meta MGX**, no coding required, with all features **interactive and testable**.

What AI tools will I need to build this?

AI Tools Needed to Build CareerPath

AI Tools Needed to Build AI Wardrobe

1. **Meta MGX**
 - No-code platform to design and deploy the app.
 - Enables building interactive screens, AI stylist chat interface, and wardrobe management features without coding.
2. **ChatGPT (or similar LLMs)**
 - To generate outfit suggestions, conversation flows, and personalized style advice.
 - Helps tailor recommendations based on user preferences, wardrobe contents, and occasions.
3. **AI Chatbot Design References**
 - Google Dialogflow / IBM Watson Assistant / Microsoft Bot Framework
 - To structure conversation logic and handle user queries about outfit ideas, clothing care, and styling tips effectively.
4. **AI Recommendation Tools (Optional but useful)**
 - For matching users with outfit combinations, sustainable fashion tips, and wardrobe optimization.
 - Could use ML-based algorithms or existing AI APIs for personalized styling and clothing usage analysis.

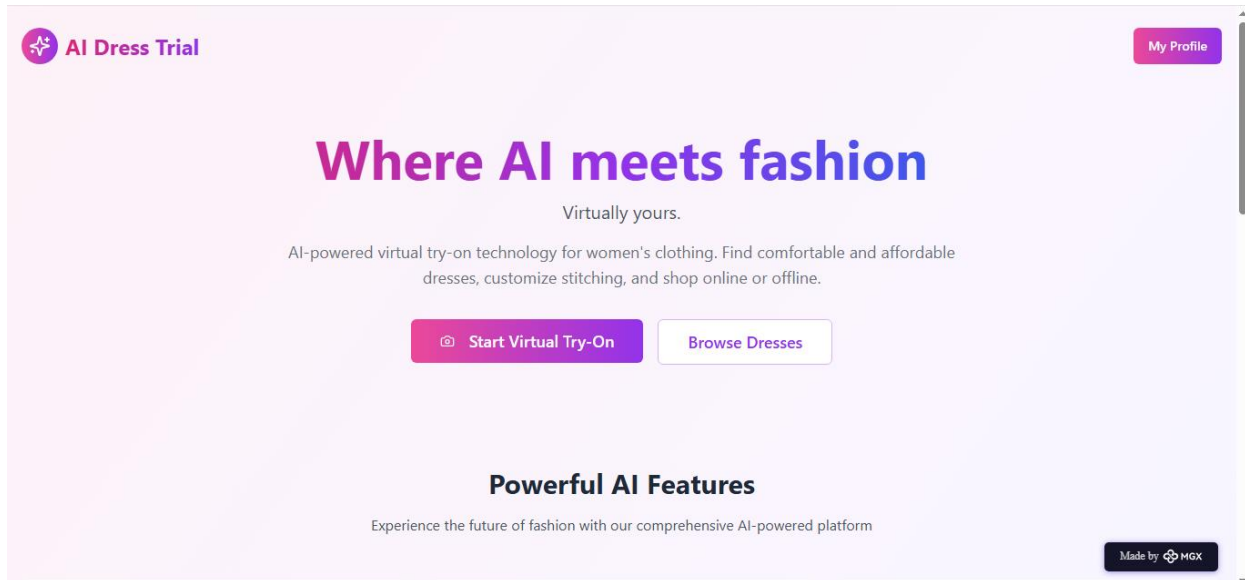
What AI tools I finally selected to build this solution?

1. **Chat GPT**
2. **Metamgx**

< Build The Innovation >

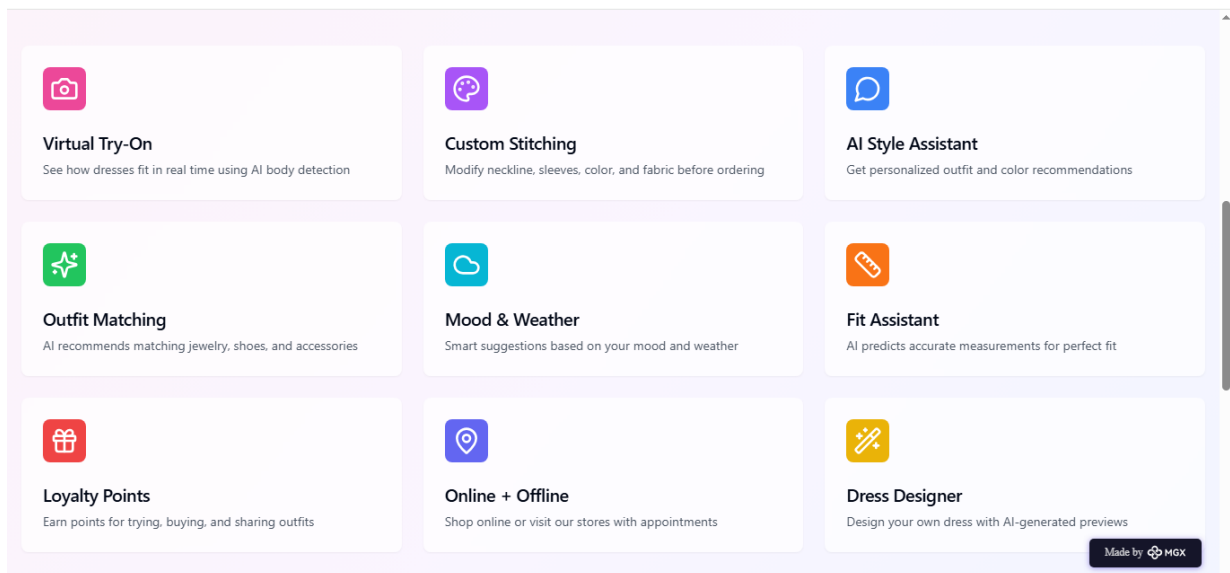
<DASHBOARD OF THE TOOL>

Tool Link: <https://aiwardrobe.mgx.world>



Internal Working of tool:

Profile Creation:



Explore Our Platform

- Overview
- AI Features
- Customization
- Shopping

Complete Fashion Solution

From virtual try-on to custom design, we've got everything you need


Virtual Try-On


Style Assistant

© 2024 AI Dress Trial. Where AI meets fashion — virtually yours.

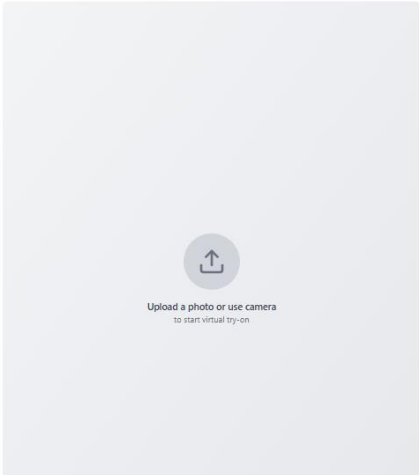
Made by MGX


Try-On View

Upload a photo or use your camera to see how the dress fits

Use Camera

Upload Photo





Upload a photo or use camera
to start virtual try-on

Select Dress

Choose from our collection

Popular

New




Elegant Evening Gown

\$299

Elegant Evening Gown

Evening 4.8




Casual Summer Dress

\$89

Casual Summer Dress

Casual 4.5




Professional Midi Dress

\$159

Professional Midi Dress

Professional 4.6



Bohemian Maxi Dress

\$125

Bohemian Maxi Dress

Bohemian 4.7

Elegant Evening Gown

\$299

Available Colors:

Black

Navy

Burgundy

Occasions:

Party

Wedding

Formal

Add to Cart

Made by MGX

Style Chat

Ask me anything about fashion, styling, or outfit coordination

Hii I'm your AI Style Assistant. I can help you with outfit recommendations, color combinations, and trending styles. What would you like to explore today?

Style advice

Color matching

Occasion outfits

Trending styles

Quick Actions

Mood-based

Weather outfit

Work attire

Party look

Trending Now

Bohemian Chic

Minimalist Elegance

Vintage Revival

Sustainable Fashion

Style Tips

Mix textures for visual interest

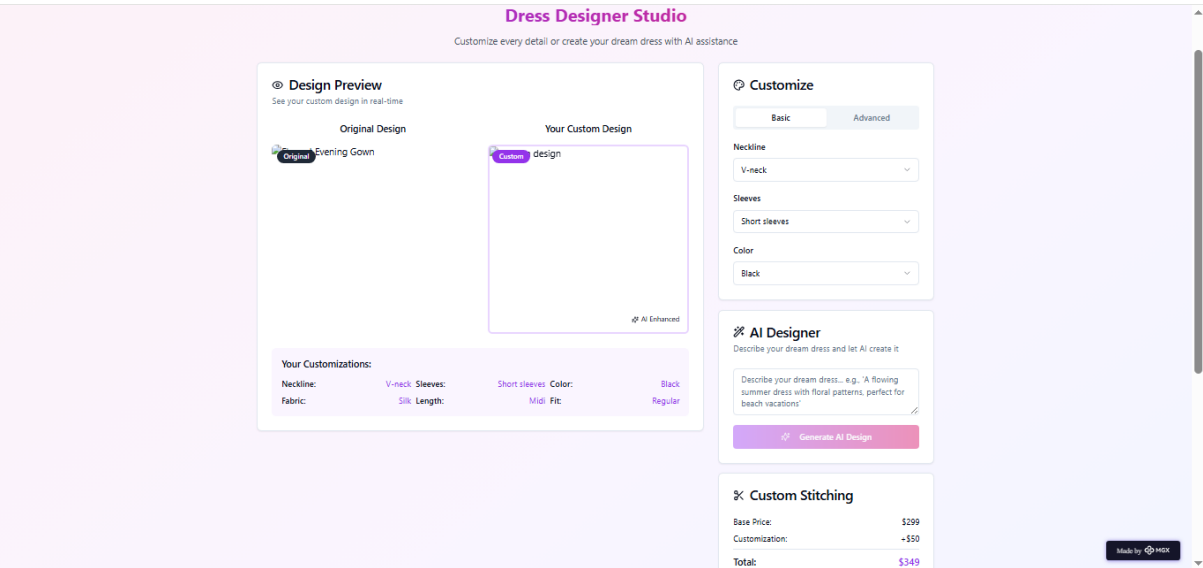
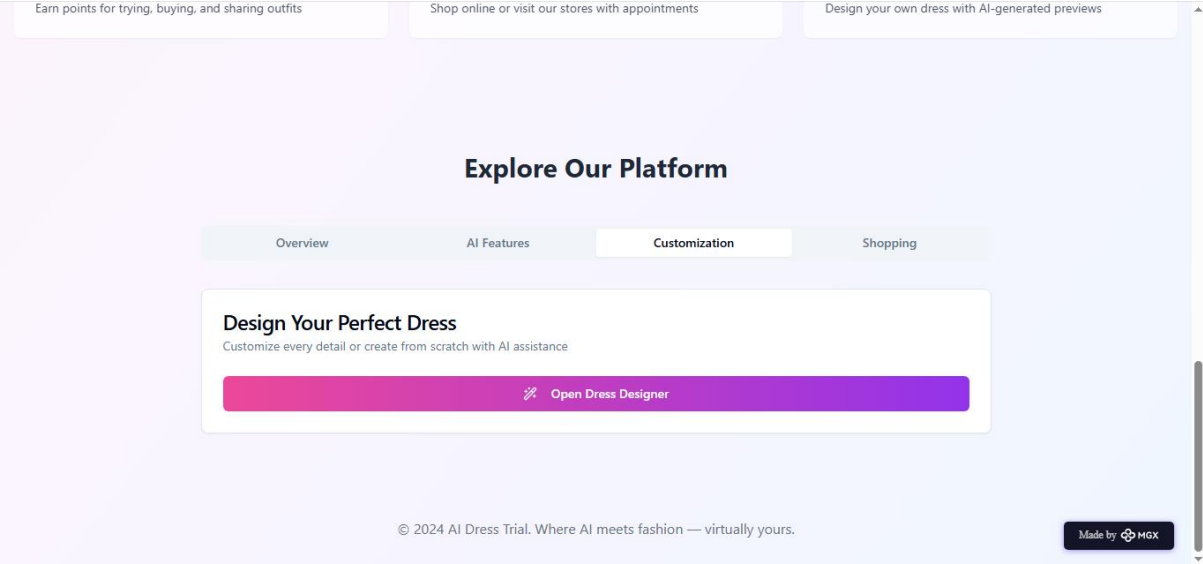
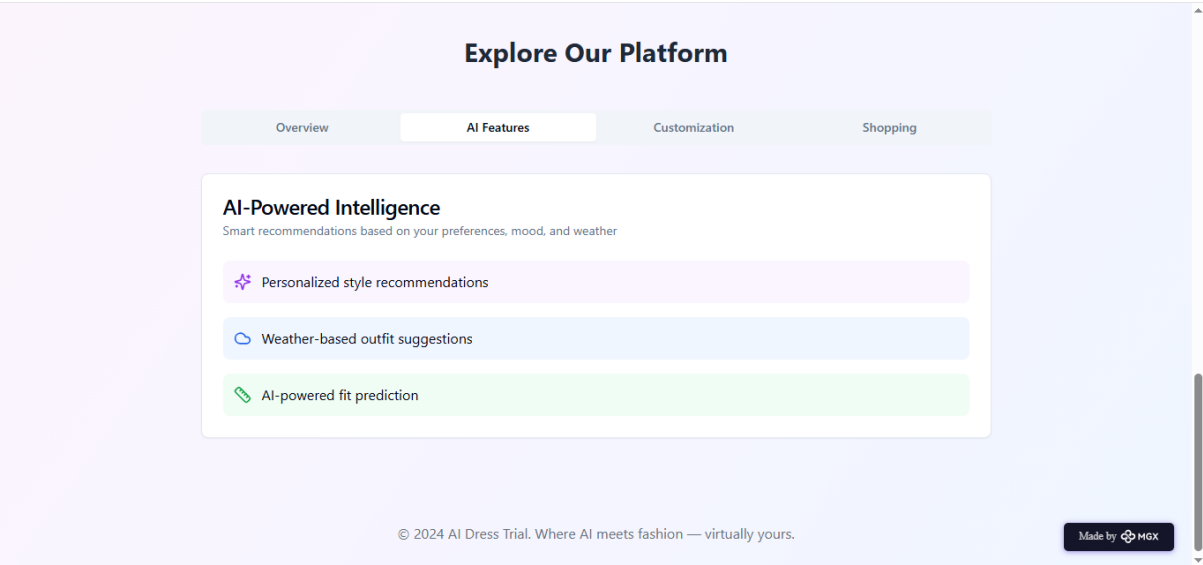
Use the 60-30-10 color rule

Accessories can transform any outfit

Fit is more important than size

Get personalized fashion advice and outfit recommendations

Made by MGX



Visit our physical stores or book online appointments for personalized service

Store Locations

Book Appointment

Our Services

📅 Book Your Appointment

Schedule a personalized session at your preferred store

Select Store

AI Dress Trial - Downtown

Select Date

October 2025

28 29 30 1 2 3 4

5 6 7 8 9 10 11

12 13 14 15 16 17 18

19 20 21 22 23 24 25

26 27 28 29 30 31 1

Select Time

Appointment Summary

Store: AI Dress Trial - Downtown

Address: 123 Fashion Street, Downtown

Date: Fri Oct 17 2025

What to Expect

- Personal consultation with our style experts
- Access to our full collection and exclusive pieces
- Professional measurements and fit assessment
- Complimentary refreshments during your visit

Store Hours

Monday - Saturday: 10:00 AM - 8:00 PM

Sunday: 12:00 PM - 6:00 PM

Currently Open

Made by

MSX

🕒 Virtual Try-On Session

Experience our cutting-edge virtual try-on technology with expert guidance.

Duration: 45 min

Price: \$25

Book This Service

📏 Custom Fitting

Get precise measurements and custom alterations for the perfect fit.

Duration: 60 min

Price: \$25

Book This Service

👗 Personal Styling

Work with our stylists to create your perfect wardrobe.

Duration: 90 min

Price: \$25

Book This Service

📋 General Consultation

General fashion advice and product recommendations.

Duration: 30 min

Price: Free

Book This Service

Why Visit Our Stores?

Experience the perfect blend of technology and personal service

In-Store Technology

- Advanced virtual try-on mirrors
- 3D body scanning for precise measurements

Personal Service

- Expert fashion consultants
- Custom fitting and alterations

Made by

MSX

My Profile

Manage your preferences, measurements, and loyalty rewards

Profile

Measurements

Orders

Preferences

👤 Personal Information

Edit

Full Name

Sarah Johnson

Email

sarah@example.com

Account Statistics

8 Orders

12 Favorites

4.8 Avg Rating

4 Achievements

🎁 Loyalty Program

Gold Member

1250 points

Progress to Platinum 750 points needed

Points earned: +1250

Points redeemed: -0

Redeem Points

Achievements

🏆 First Purchase

Unlocked

🌟 Style Explorer

Unlocked

👗 Custom Designer

Unlocked

Made by

MSX

Step 7: Test – Getting Feedback

- Who did I share my solution with?

I shared my **AI Wardrobe** solution with:

- **Young adults and working professionals** – to get feedback on usability and how helpful the outfit suggestions are.
- **Fashion enthusiasts and wardrobe coaches** – to understand how well the app supports sustainable style and wardrobe management.
- **Parents and family members** – to see if the app helps promote mindful clothing use and reduces unnecessary shopping.
- **Peers and mentors** – for suggestions on improving features, design, and AI recommendations.

Pros (Positive Insights):

1. Users found the AI stylist helpful for discovering new outfit ideas and managing their wardrobe.
2. The concept of a digital wardrobe app with personalized recommendations was seen as innovative and useful.
3. Features like outfit planning and wardrobe organization were appreciated for making daily styling easier.

Cons (Areas to Improve):

1. Some AI suggestions felt repetitive, which occasionally made users unsure about their choices.
2. Certain interactive tools, like photo uploading or outfit planning, were limited or not fully functional in the prototype.
3. More integrations and features are needed to offer a richer and more seamless styling experience.

My Response for The Feedback:

AI Wardrobe is an idea developed using a no-code tool (Meta MGX). Since it is an early prototype, some features and integrations are limited. To fully implement all functionalities—such as seamless photo uploads, advanced outfit planning, and deeper wardrobe analytics—we would need to collaborate with technology partners and fashion platforms. These current limitations stem from the constraints of the prototype environment, but the core concept clearly shows the potential, usability, and positive impact the app can have on helping users manage their wardrobes and make better fashion choices.

👍 What works well:

What Works Well

- ✚ **Lifetime Access:** AI Wardrobe, built on Meta MGX, does not require subscriptions and can be updated or modified anytime.
- ✚ **No-Code Development:** The app can be created and maintained without coding skills, making it accessible for developers and users alike.
- ✚ **Personalized Styling:** The AI stylist provides tailored outfit recommendations based on the user's wardrobe and preferences.
- ✚ **Wardrobe Management:** Tools help users catalogue and organize their clothes easily, simplifying daily outfit decisions.
- ✚ **Sustainable Fashion Tips:** The app offers advice on caring for clothes and making eco-friendly style choices.
- ✚ **Mobile-Friendly and Intuitive:** Designed for simple navigation and accessible on smartphones anytime, including areas with limited connectivity.

🔧 What needs improvement:

- ✚ **AI Stylist Responses:** Sometimes the AI repeats outfit suggestions, which can confuse users.
- ✚ **Interactive Features:** Certain tools, like photo uploading and outfit planning, are limited or not fully accessible in the prototype.
- ✚ **Resource Integration:** More integrations are needed to offer richer styling options and clothing care advice.
- ✚ **Collaborations Needed:** Partnering with fashion brands, sustainability platforms, and tech providers will help expand features and data.
- ✚ **User Experience Enhancements:** Improving navigation, visuals, and engagement will make the app more intuitive and enjoyable to use.

AI Tools you can use for Step 6-7:

ChatGPT/Perplexity AI/Claude AI/Canva AI/Chatling AI/Figma AI/Metamgx/Gamma AI: You can use these tools to build solutions/models or mock-up dummy prototypes

Day 4: Showcase

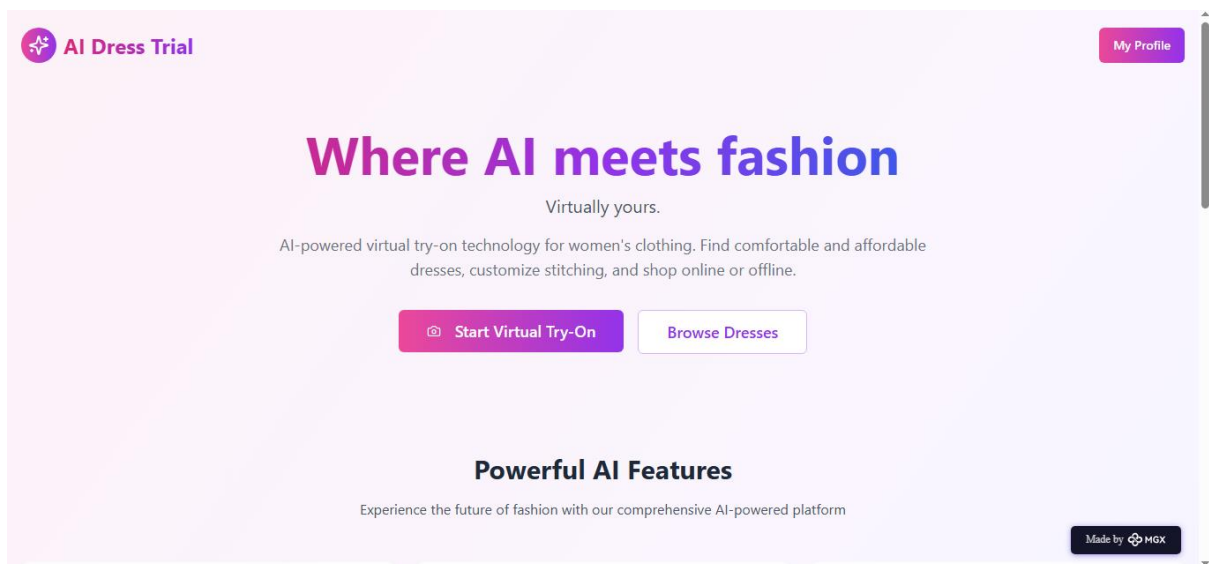
Step 8: Presenting my Innovation:

I am presenting **AI Wardrobe**; a digital wardrobe management and styling platform designed to simplify fashion choices and promote sustainable clothing use. It features:

- An AI-powered virtual stylist that provides personalized outfit recommendations and styling tips.
- Tools to catalogue, organize, and plan outfits from users' existing wardrobes.
- Sustainable fashion advice and clothing care guidance to extend the life of garments.
- A user-friendly, mobile-friendly interface built on Meta MGX with lifetime access and easy updates.

Impact: AI Wardrobe helps users reduce wardrobe clutter, save money, make eco-friendly fashion choices, and boost confidence in their style every day.

<SHOWCASE YOUR INNOVATION TO YOUR PEERS>



Step 9: Reflections

- What did I enjoy the most during this project-based learning activity?

I enjoyed building **AI Wardrobe** using a no-code tool and watching my idea come to life as a real, interactive app. It was exciting to design the AI stylist, wardrobe management features, and outfit planning tools, and imagine how it could help people dress confidently, save money, and make sustainable fashion choices.

What was my biggest challenge during this project-based learning activity?

My biggest challenge was integrating all features smoothly in the prototype using a no-code tool, specially making sure the AI stylist, wardrobe management, and outfit planning worked seamlessly together despite limited resources.

Take-home task

<https://github.com/mubashira10/AI-Wardrobe.git>