

QTHomeTown - Executive Summary

1.Introduction:

The minimum viable product (MVP) - LooksMatch that we are introducing is a recommendation system that allows users to try on virtual outfit, offering tailored outfit suggestions, product recommendations, and style advice.

2.Problem:

- With countless options available (data insight), consumers often find themselves overwhelmed, spending hours sifting through catalogs and websites to find the appropriate outfit.
- The MVP for the LooksMatch seeks to address the challenge of assisting individuals in choosing stylish and appropriate outfits. Reduce the time that customers spend on their shopping and help them to have a better shopping experience.

3.The solution:

- LooksMatch proposes an AI-based solution that utilizes deep learning algorithms to provide personalized product recommendations to fashion customers. Through their behaviors, LooksMatch will generate a list of recommended products and also learn from customers' interactions to better match their tastes.

- An additional function is allowing customers to try on clothes virtually without having to physically wear them by using a combination of computer vision and machine learning techniques to simulate how the clothes would fit on the customer's body.

4.Special points:

- Outfit Assistant is special for several reasons: personalized recommendations, virtual try-on technology, and AI-powered styling. These features make Outfit Assistant a valuable tool for anyone who wants to look their best. That leads to lots of benefits such as an enhanced shopping experience, reduced returns, increased sales, and improved customer satisfaction....

5.Our Team:

- Lê Trọng Đại Trường
 - Role: Data Engineer.
 - As a data engineer, I can combine technical expertise and problem-solving skills to effectively design, build, and maintain data pipelines and infrastructure. I am also good at teamwork and communicating with each other.
- Hoàng Ngọc Quân
 - Role: Data Analyst / ML Engineer
 - I'm responsible for collecting, cleaning, and analyzing data to extract meaningful insights that can help businesses make informed decisions. In addition, I am also proficient in using

critical thinking to analyze and develop appropriate strategies for the team.

- Trần Thành Đạt
 - Role: UI/UX Designer, Software Engineer
 - Designing MVP interface to be visually engaging and user-friendly; coding and building the technical infrastructure, ensuring seamless functionality and integration of features
- Trần Văn Anh Thư
 - Role: Data Scientist
 - As a Data Scientist, I can build and optimize recommendation models and use statistical methods to describe, visualize, and formulate hypothetical information from the data.
- Nguyễn Hữu Hoàng Long
 - Role: ML Engineer
 - As a ML Engineer, I'm responsible for developing machine learning systems, implementing ML algorithms based on pipelines and infrastructure.