Old system problems & their analysis

Elements	Description
The problem of	Increase the size of the market
Affects	customer Brands
The result of which is	1. The customer takes a lot of time to find the right clothes. 2. There are a lot of options in front of the customer that led to distraction. 3. Decrease the sales rate at brands
Benefits of a new system	1. Reduction of wasted time for customer. 2. Reduce distraction by recommend products according to his style. 3. Increase sales rate.

Stakeholders of the system and their perspective roles

Customer:

- Register
- Login
- Have one free trail
- View Brands
- View Products, Collections, and Categories
- Add Products to Wishlist
- Rate Brands, and products
- Like Brands, and products
- Upgrade to Premium plan
- Edit his profile data
- Search for products, brands, collections, and offers
- Add and Try products in fitting room

Brand:

- Register
- Login
- Add, Edit, Delete, and View new collections
- Add, Edit, Delete, and View offers
- Add, Edit, Delete, and View products
- Add, Edit, Delete, and View Sponsored ads
- view statistics and analysis

Admin:

- Login
- Manage access & permissions
- Add Admins, and Sub Admin
- Maintain the system
- Add / Delete Brands, Customer, Products, and Collections information
- Evaluate system
- View statistics and analysis

System Boundaries

- Brands, and Admins can either supply, add, edit, update, delete information form the system.

- One of the main roles of the admin to perform any maintenance required for the system.

- The system gets its information from the stored data in the system databases and from other integrated system (machine learning model).

- The system supplies the machine learning model with the respective training data to help understand the customer's preferences.

- The system will be used online where the users can inspect the products, collections, and offers and perform many other functions.

System Constraints

Source	Constraint
Operational	We need to make deals with brands to get their product's data.
Technical	Technology used Platforms used
personnel	Fixed staffing resources and no outsourcing
Economic	Total costs don't exceed 2000$
Political	
Schedule	We must launch the MVP by January 2023.