



# Enabling the Circular economy

By The Everewear team



# Team Members

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## Client Information

Everewear is an Ecommerce Idea that will use AI and machine learning to give users style recommendations based on what they like. All clothing that they can shop will be second hand/thrifty. This websites idea is to make thrifting easier.

The CEO and CTO are Anna Dorris and Jeff Keller.



# Business requirements

- BR1 - A functional Webstore that allows users to shop and browse used clothing
- BR2 - It will be easily updated and accessed by admins and will be available on mainstream browsers



# Use Cases

- User Registration
- User Survey
- User Cart Management
- Admin Management



# Requirements

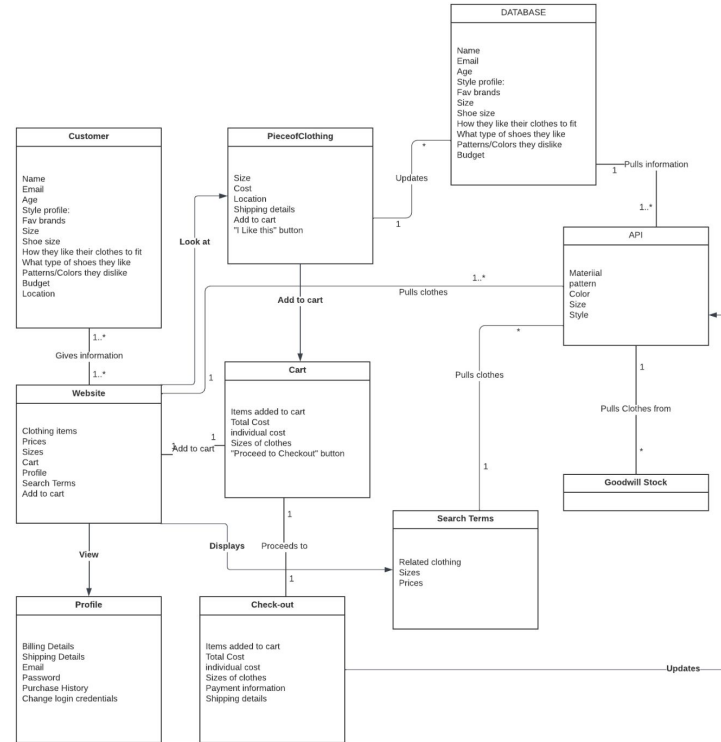
## Functional Requirements

- The system will have a responsive UI that works on various screen sizes and devices (HIGH) -BR2
- The system will contain a database with a sample inventory that contains products(HIGH) -BR1
- The website will be an Ecommerce website that supports goodwill and other retail APIs inventory(HIGH) - BR1
- The system will use Stripe API to manage Credit card information(HIGH)

## Non-functional requirements

- Must provide Clickable Demo for Investor presentations(HIGH) -BR2
- The user must fill out a style sheet prior to accessing the greater website(HIGH) -BR1
- The system will be able to be updated through AWS on short notice(HIGH) -BR2
- The inventory must be updated when something is sold within 10 Seconds of an item being sold(HIGH) -BR1

# Domain Model





# TechStack

## Back End

- JAVA <https://www.java.com/en/>
- MYSQL <https://www.mysql.com/>

## Online Storage

- AWS [https://aws.amazon.com/?nc2=h\\_lg](https://aws.amazon.com/?nc2=h_lg)
- GITHUB <https://github.com/>

## Front End

- FIGMA(For design)  
<https://www.figma.com/>
- JS REACT  
<https://legacy.reactjs.org/>





# Prototype





## First Iteration Features

- Responsive UI that works on various screen sizes and devices
- Contain a database with a sample inventory that contains products
- Be an ecommerce website that supports Goodwill and other retail's APIs
- Allow for infinite searching of all products
- Be color coordinated and based on Everewear's previous color scheme