

DBMS-2006 Final Project Milestone One

Project Proposal

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Project Name: **Conscious Closet (2C)**

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1. Project description

Conscious Closet is a database management system tailored to sustainable fashion enthusiasts. The system facilitates the exploration of sustainable fashion brands, allows users to buy and sell second-hand garments, and encourages a circular fashion economy. Users contribute to reducing the environmental impact of the fashion industry. This project aligns with my passion for sustainable fashion and promotes conscious consumerism.

Conscious Closet focuses on creating a closed-loop system by highlighting durable and timeless items, promoting recycling and reuse, reducing waste throughout the supply chain, and responsibly sourcing materials. The goal is to move away from the traditional linear model that contributes to environmental and social issues, toward a more sustainable and mindful fashion culture while also sharing that passion and joy for fashion with like-minded individuals.

Conscious Closet (2C) – To see your impact, and wear the change

2. Business Case

In the wake of ethical issues in fashion (low wages, unsafe work conditions, environmental concerns, child labour, animal cruelty), **2C** addresses the growing demand for sustainable fashion options and promotes the circular fashion economy. The target audience are individuals who love fashion but want to make conscious consumer choices as well as fashion businesses that prioritize making sustainable products.

By connecting users with sustainable brands, a second-hand marketplace, and an outlet to share their ethical style choices, **Conscious Closet** contributes to reducing the environmental and social footprint of the fashion industry as consumers increasingly move away from the harmful practices of fast fashion.

3. Business Rules/Assumptions

- A user can follow many sustainable fashion brands.
- A user can follow many other users.
- A fashion brand may have many users following it.
- A user may be followed by many other users.

- A brand will have at least one or many verified sustainability certifications associated to it to ensure its credibility.
- Users can list many second-hand items for sale.
- A second-hand item has a status (listed, sold).
- A second-hand item will have one user listed as a seller.
- Users can share many posts: text, photo, or video.
- A post will have one user listed as the poster.

4. Entity Relationship Diagram

