

# CONSCIOUS CLOSET

SUSTAINABLE FASHION E-COMMERCE PLATFORM

REVOLUTIONIZING THE FASHION INDUSTRY

# TEAM 07



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# BACKGROUND AND MOTIVATION

## **Environmental Impact of Fashion**

10% of global carbon emissions.

85% of textiles end up in landfills annually.

## **Consumer Gap**

73% of millennials want sustainable fashion platforms.

68% abandon purchases due to lack of sustainability information.

# OBJECTIVES

Create a transparent and user-friendly platform for sustainable fashion.  
Provide a way for consumers to have an option to buy sustainable clothes.  
Introduce educational content for eco-conscious shopping.  
Integrate scalable and mobile-responsive architecture

# KEY FEATURES



Login,  
registration,  
authentication.



Product list,  
details, and  
filtering.



Wishlist, cart,  
and order  
history.



Secure  
payment  
integration  
with Stripe.



Invoice  
generation.



Profile  
management.



Search  
functionality  
and  
pagination.



Contact Us,  
About Us.

# TECHNICAL ARCHITECTURE

## BACKEND

Django Framework for APIs and business logic.

## FRONTEND

HTML, CSS, JavaScript, Bootstrap for responsive design.

## DATABASE

PostgreSQL for scalable and reliable storage.

# FUTURE ENHANCEMENTS

**Multilingual Support:** For global accessibility.

**AI Recommendations:** Personalized suggestions based on user preferences.

**Blockchain Features:** For supply chain transparency.

**Mobile App Integration:** Enhancing usability for on-the-go shopping.



# CONCLUSION

Conscious Closet bridges the gap between eco-conscious consumers and sustainable fashion producers.

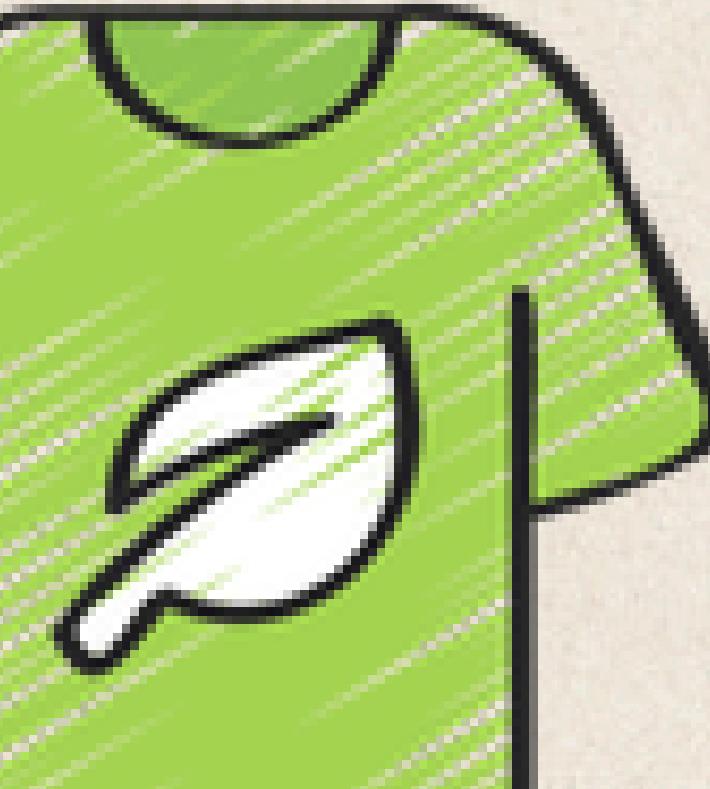
Promotes environmental responsibility while ensuring a seamless shopping experience.



# REFERENCES

- [1] SanMiguel, P., Pérez-Bou, S., Sádaba, T., & Mir-Bernal, P. (2021). How to communicate sustainability: From the corporate Web to E commerce. The case of the fashion industry. *Sustainability*, 13(20), 11363.
- [2] Liao, Q. (2024). Fostering Sustainable Fashion Consumption: The Influence of University Education on Students (Bachelor's thesis, University of Twente).
- [3] Guo, S., Sun, X., & Lam, H. K. (2020). Applications of blockchain technology in sustainable fashion supply chains: Operational transparency and environmental efforts. *IEEE Transactions on Engineering Management*, 70(4), 1312-1328.
- [4] Mirbabaie, M., Marx, J., & Germies, J. (2022). Conscious Commerce--Digital Nudging and Sustainable E-commerce Purchase Decisions. *arXiv preprint arXiv:2202.08696*.
- [5] Parker, C. J., & Henninger, C. E. (2018). Enabling sustainable behaviours through M-Commerce app design: Focus on the fast fashion industry. In *Eco-friendly and fair* (pp. 69-79). Routledge.
- [6] Santos, V., Augusto, T., Vieira, J., Bacalhau, L., Sousa, B. M., & Pontes, D. (2023). E-commerce: issues, opportunities, challenges, and trends. *Promoting organizational performance through 5G and agile marketing*, 224-244.

# LIVE DEMO



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Canva