

# Midterm Project Proposal

*The Fashion Catalog*

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Prepared For:

COM S 3190 - Construction of User Interfaces  
Iowa State University Computer Science Department

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# 1. Introduction

We, Jyotika Sharma and Lukus Klipping are from team AB9. Jyotika is a Junior majoring in Computer Science and minoring in Data Science. Lukus Klipping is a Sophomore majoring in Software Engineering. We are in the process of learning the demanding web development skills like HTML, CSS and JavaScript from this class of COM S 319. We learned how to build a website on catalog of products from our in-class activities. Jyotika has taken COMS 309 in the past, so she has experience collaborating with a team. We believe that we can combine our thoughts and skills to make a better website.

## 2. Purpose of the proposal

We aim to develop a catalog website that is both commercial and inspirational for outfits. Through our website, “The Fashion Catalog”, we want to make it easier for people, fashion inclined or not, to recognize the fashion world. Overall we want to create an interactive website that allows users to look good and feel good.

## 3. Goals and Objectives

Our Project’s goals and objectives:

- Developing a user-friendly website with an attractive design.
- Demonstrating proficiency in HTML, CSS, and JavaScript for web development.
- Provide an interactive outfit lookbook for users to flip through and provide detailed descriptions of outfits.
- Creating an easy-to-navigate interface for users to explore the fashion universe
- Offer a specific page that introduces trends and popular articles of clothing and accessories.
- Incorporate a search feature to make it easier for users to locate different types of clothing and accessories.
- Incorporate a review section to gather user feedback on the website, ensuring that it aligns with and meets the user's preferences and expectations.

## 4. Project

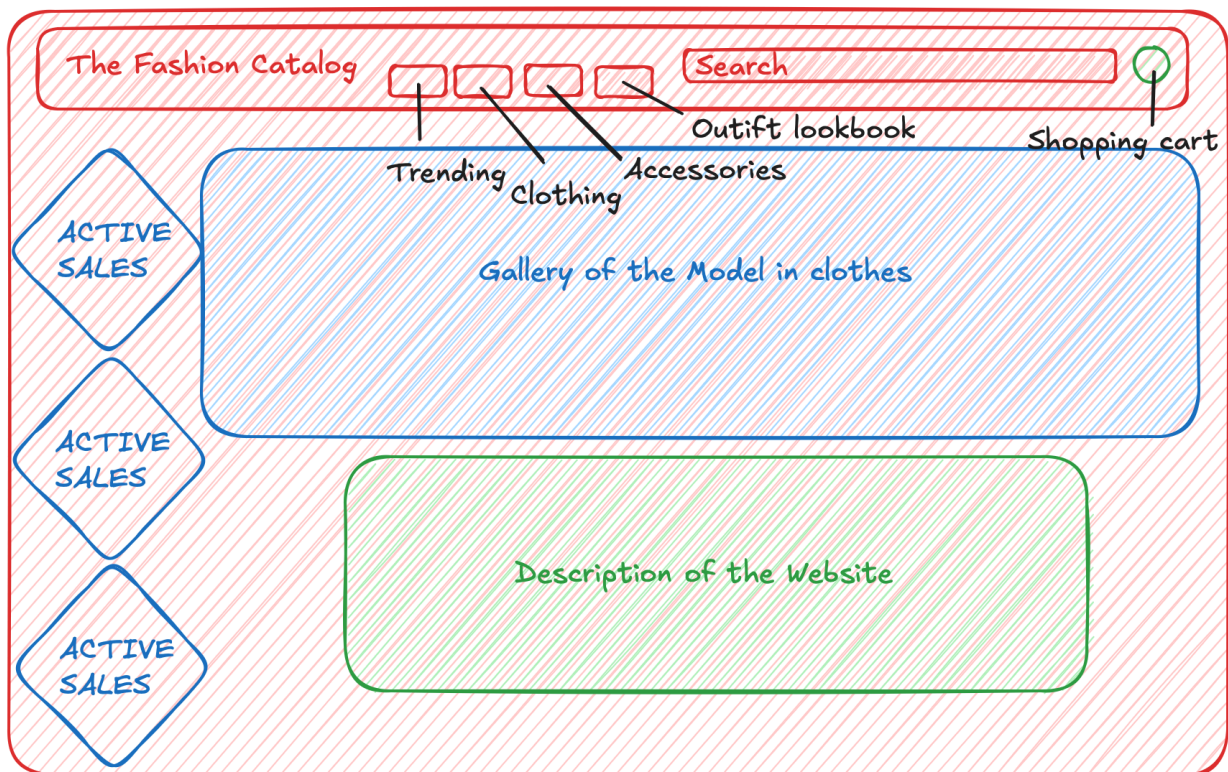
With our Fashion Catalog, we intend to create a perfect medium for fashion lovers to express themselves. Along with that, a place to purchase, review, and view clothing and accessories alike.

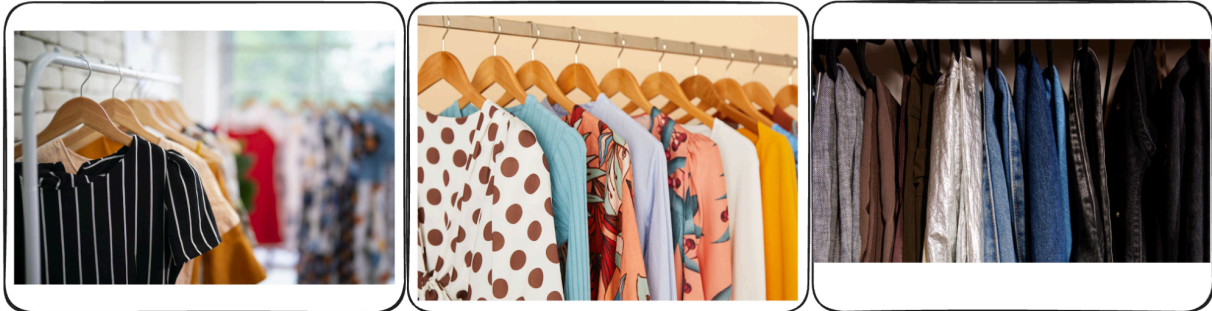
Our project will feature several key components:

- A catalog with all products with detailed descriptions of each item
- A specific page that shows new trending clothing items and accessories
- An ecommerce page that includes a shopping cart for users to purchase items
- A home page showcasing models modeling available clothing items and accessories, and include information on active sales
- An interactive review section underneath specific items, to allow users to comment and suggest on articles of clothing and accessories

Example for Homepage:

- A welcoming homepage interface including an interactive gallery showcasing models and clothing, with big bold information spread across the homepage
- A navigation bar to search certain items, view shopping cart, and view trending page





extra clothing below...

Example image for gallery page:

- A grid layout displaying the article of clothing / accessory using Bootstrap
- Each item has a detailed description and users are able to click on the item to reveal more information and to purchase the item

Example for trending page:

- A sleek design of the new and popular fashion items enlarged on the page along with a description of why the item is trending

Example for shopping cart and ecommerce:

- An organized design that displays all of the items in the user's cart and the total amount of the purchase, leading them to enter personal information

## 5. Resources

1. Web development programming languages like HTML, CSS, Javascript.
2. Use of JSON files to store information about different clothing and accessories
3. Time allocation for each team member to collaborate on the project
4. Using GitLab as our version control remote repository to push and pull our work to keep our team's work up to date
5. Using the Bootstrap examples to outline The Fashion Catalog
6. Accessing images through Pexels to get free and clear images for our website
7. Use DrawIO to design the prototype for different pages of our website.
8. We will use Excalidraw to create wireframes for our main web pages, including the homepage, gallery of outfits, and shopping cart. These wireframes will guide the development of our user interface, ensuring a user-friendly experience.

## 6. Future work

The Fashion Catalog is designed for expansion and scalability in mind. Post-launch we plan to:

- Integrate a fashion lookbook for users to view
- Fully implement the shopping cart for users to purchase
- Implement a new to fashion section for beginners looking to up their fashion game

This project lays the groundwork for our final project, potentially incorporating advanced features

## 7. Final Comments

This is our proposal for The Fashion Catalog. We believe this project will not only enhance our learning but also provide a valuable resource for fashion lovers everywhere. Thank you for considering our proposal. We are open to suggestions.

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