

NC STATE UNIVERSITY VogueX Fashion Recommender

Group85: Aditya Singh, Bahare Riahi, Monish Erode Sridhar



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About!

Ever had the perfect outfit ready for your big day, only to forget about the weather? Don't worry, our fashion recommender has your back! Not only does it suggest stylish options, but it also considers weather, seasons, and occasions to ensure both style and comfort. You can even save your favorite outfits and compare shopping prices across platforms. Plus, the possibilities are endless—from calendar integration for event-based picks to health app integration for extra comfort. With VogueX, there's truly "A style for every story"!

13+ Test Cases Successful

What's New! ★

- VogueX evaluates the day's weather, providing outfit suggestions that consider temperature and conditions to ensure you stay comfortable and stylish.
- The app offers curated choices based on the season, showcasing different patterns and styles that align with current trends.
- Users receive outfit recommendations tailored to specific occasions, helping you make the best choices for events and gatherings.
- VogueX allows you to curate a favorites collection, where you can easily save and remove attires that resonate with your personal style.
- The app provides shopping links from various e-commerce platforms, allowing you to purchase suggested items while highlighting price differences for better decision-making.

Future Scope



- Incorporate machine learning to suggest outfits based on user preferences and past choices.
- Allow users to upload images of their own wardrobes for tailored outfit suggestions based on items they already own
- Integrating calendar apps for festival or occasion suggestions along with based suggestions.
- Comparing prices across different sites for better price comparison
- Implementing notifications to remind user to check daily fashion recommendations & updates

WorkFlow



VogueX is a user-friendly app that takes your style preferences and provides tailored outfit recommendations, factoring in weather, season, and occasion to ensure the perfect fit for your day.

- Users input style preferences via a ReactJS UI, which connects to the backend through Django APIs.
- Real-time weather data is fetched by a Flask API, offering outfit recommendations based on weather conditions.
- Google Calendar API integration allows users to receive occasion-specific outfit suggestions, powered by a PyTorch-based ML model.
- Users can save favorites and upload wardrobe images, which are analyzed with OpenCV and TensorFlow for pattern recognition.
- BeautifulSoup scrapes e-commerce sites for real-time price comparisons, processed using Pandas for easy decision-making.



Your perfect outfit is just a scan away. Scan now to look at the installation tutorial and start your personalized wardrobe!

