vogueX---Fashion-Recommender

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Github Repo

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Live Demo

VogueX
FASHION
RECOMMENDER

Introduction

VogueX redefines how you approach fashion, offering personalized outfit recommendations that adapt to your unique style, occasion, and even the weather. Whether it is a sunny day or unexpected rain, VogueX ensures you are always dressed appropriately with weather-based suggestions. You can filter recommendations by gender, culture, age, and occasion, making it easy to find looks that resonate with your personal style. Explore comprehensive product searches that highlight the best deals from top e-commerce sites, so you can shop smart and stay fabulous. Plus, with our favorites feature, you can save your top looks for quick access, ensuring you are always ready for any event, from casual outings to formal gatherings!

Workflow

The user interacts with VogueX through a streamlined process: Starting with inputting personal details, the system processes the data and delivers personalized fashion recommendations, which users can explore and refine.

User Input: Users provide key information such as gender, age, culture, occasion, and date to personalize their fashion recommendations.

Data Processing: The system analyzes user input, retrieves weather updates for the selected date, and checks product availability from e-commerce platforms.

Filtering & Recommendations: Using the input and contextual data, the system generates a tailored list of outfit suggestions based on gender, culture, age, and occasion.

Favorites Management: Users can add or remove outfits from their favorites, allowing them to manage and update their preferred styles.

Shopping Links: Direct shopping links guide users to e-commerce platforms with the best prices for their recommended outfits.
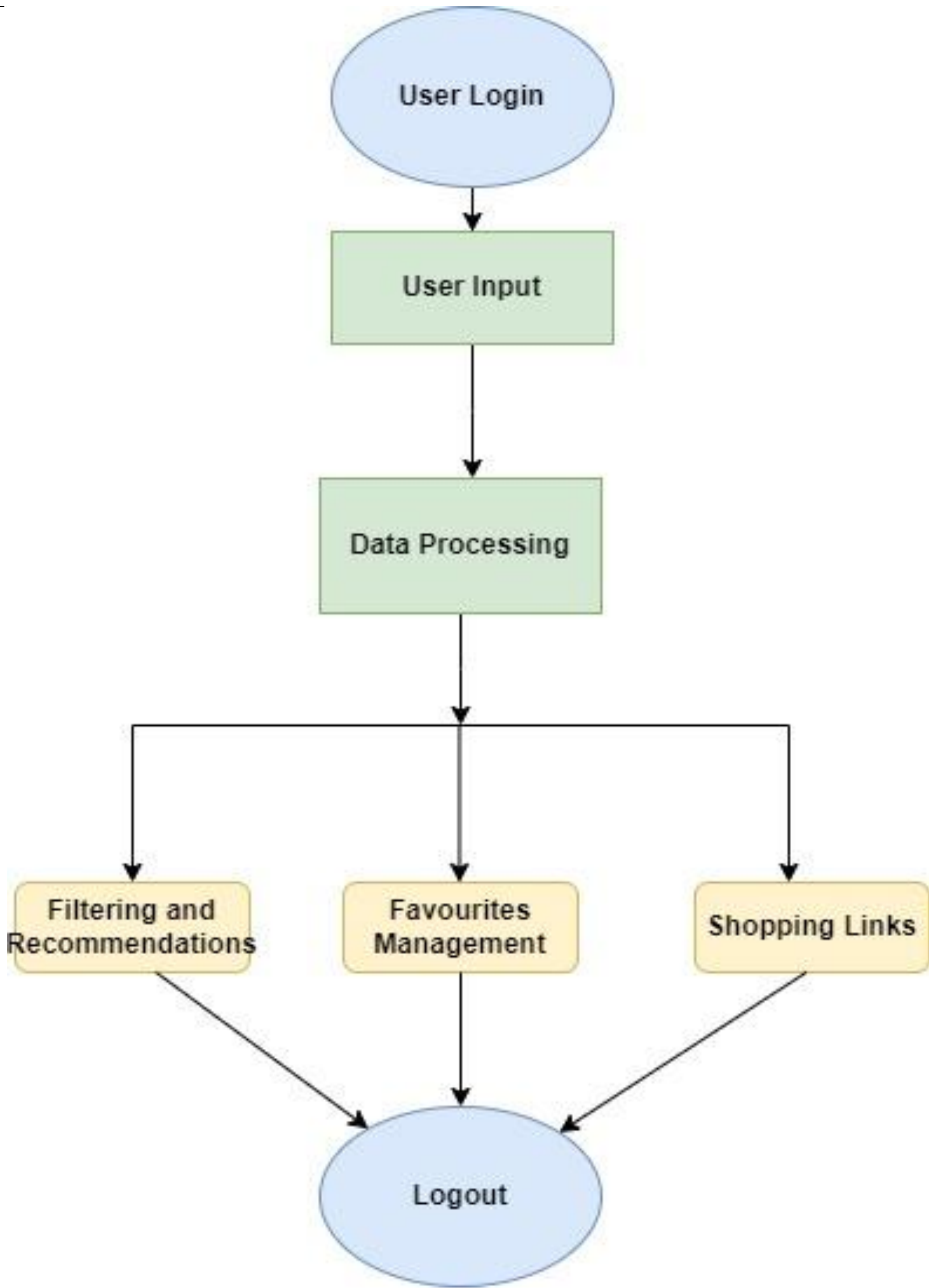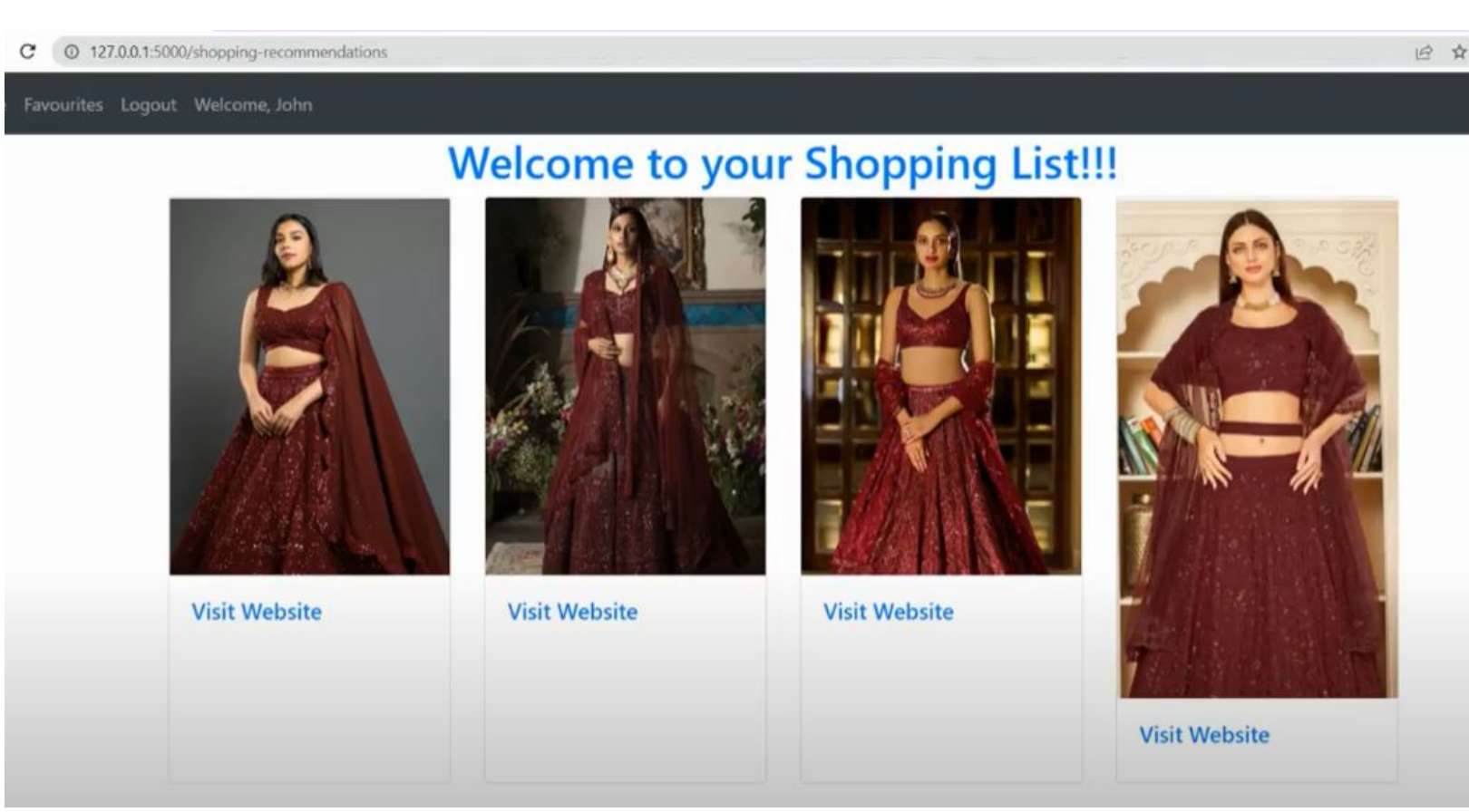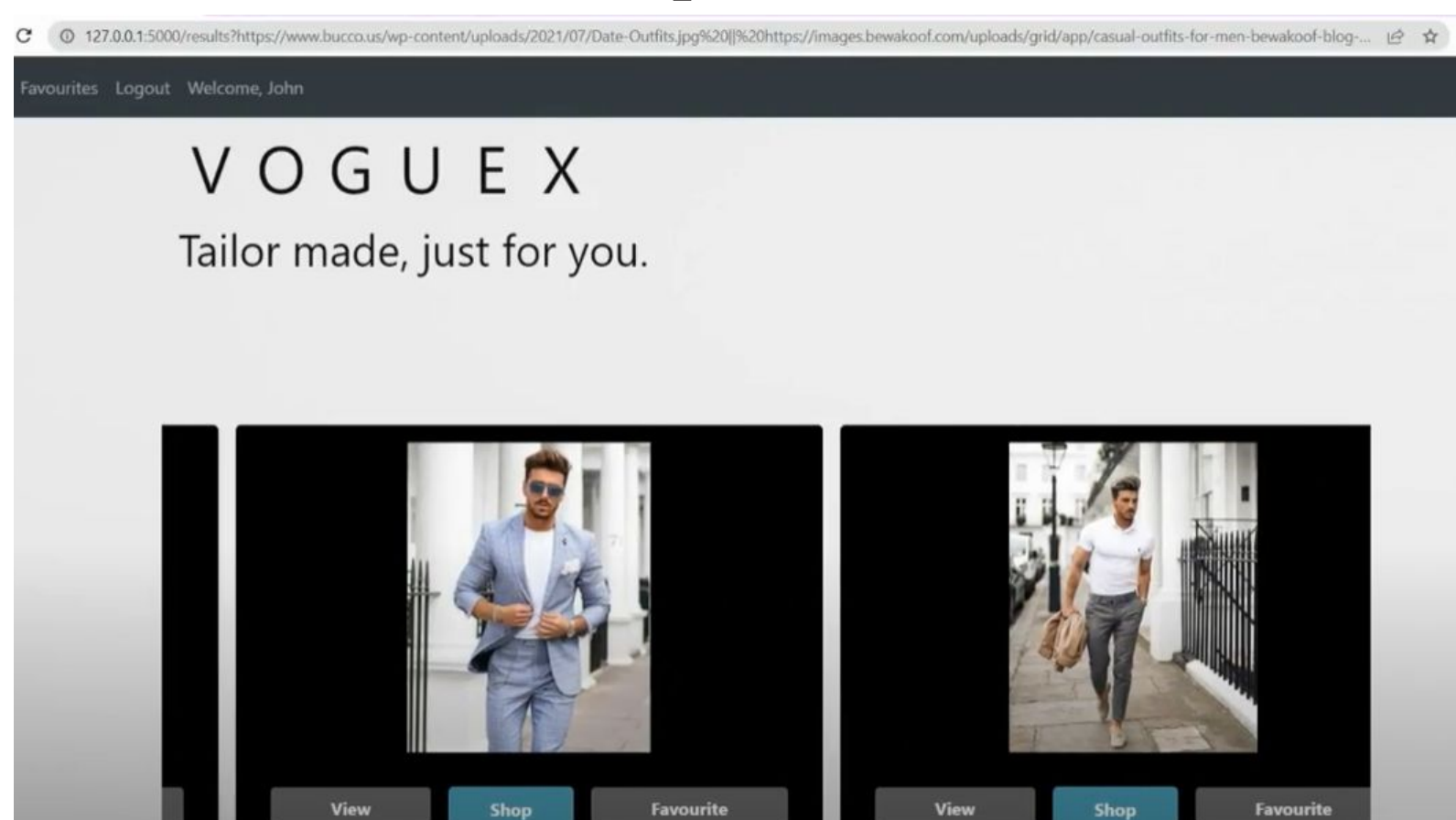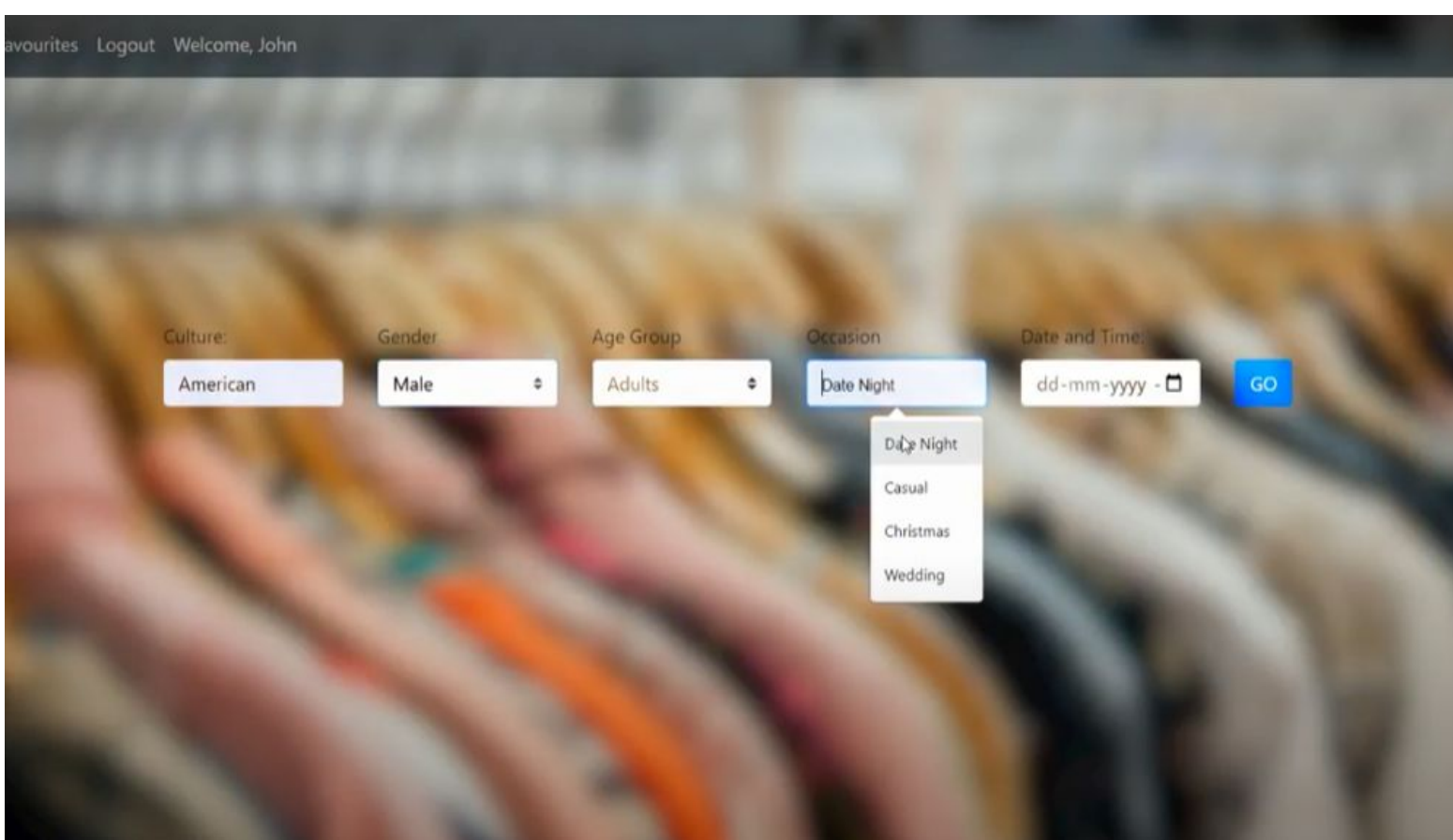

Fig 1: System Workflow

Enhancements

- **Multi-Factor Input**: The new system incorporates multiple features (weather, gender, culture, age) to personalize outfit recommendations.
- **Weather Awareness**: Provides tailored outfit suggestions based on future weather conditions, ensuring practicality.
- **Comprehensive Product Search**: Allows users to discover shopping links from various e-commerce sites, enabling price comparison and smarter shopping.
- **Favorites and Event-Based Choices**: Includes a favorites management system where the user can add or delete their favorite outfits for easy access and personalization.

Future Scope

- **AI Virtual Wardrobe System**: Implement AR or AI technology to let users visualize how their favorite outfits will look on them, enhancing the try-on experience.
- **Calendar Integration**: Sync with a calendar app to provide tailored outfit suggestions for upcoming events, holidays, and special occasions.
- **Email Authentication**: Add secure email-based login to enhance user account security and protect personal data.
- **Points System**: Reward users with points for logging in, redeemable for discounts or exclusive offers to boost engagement.

Snapshots

Test Cases

The current implementation includes **13 test cases**. We anticipate the total to **exceed 20 test cases**, ensuring thorough validation of each new feature for a robust user experience.