Project Synopsis/Project Concept Document
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Description

The project aims to enable efficient wardrobe organization through the implementation of an Intelligent Wardrobe Management System. Utilizing deep learning, artificial intelligence, and machine learning, the system aims to transform how users engage with their wardrobes. The main objective is to develop a website and possibly expand to a mobile app that efficiently categorizes clothing items and offers personalized outfit suggestions. Taking into account user preferences, real-time weather data, and contemporary fashion trends, the system strives to enhance the overall wardrobe management experience.

The project will initially focus on developing a website, with potential expansion to a mobile app in the future, ensuring accessibility to a wide range of users.

Profile of Users

1. **General Users:**

   Characteristics:

   - Varied age groups and technological proficiency.
   - Diverse fashion preferences and styles.
   - Regularly update their wardrobe.

2. **Fashion Enthusiasts:**

    Characteristics:

    - High interest and involvement in fashion trends.
    - Actively seek and adopt new styles.
    - May have a larger and more dynamic wardrobe.

3. **Busy Professionals:**

    Characteristics:

    - Limited time for wardrobe organization.
    - Prefer quick and efficient outfit recommendations.
    - Wardrobe may consist of work-appropriate attire.

Usage Model and Diagrams (if any):

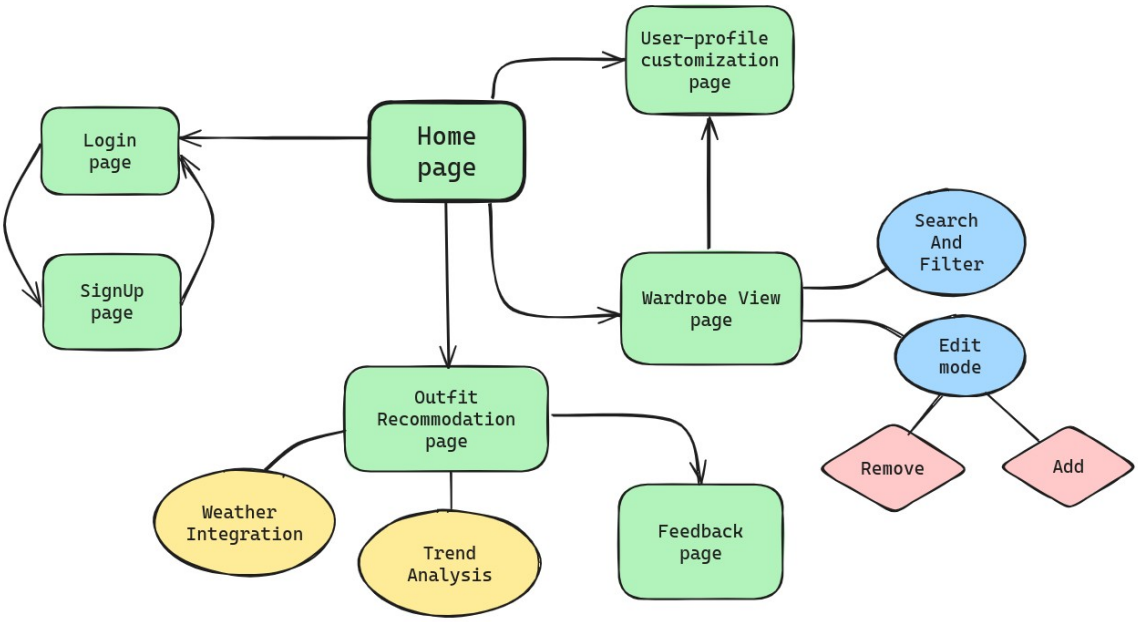
General Users: When users open the application, they can easily register and share their fashion preferences. They regularly update their wardrobe by adding and organizing clothing items using the provided features. Personalized outfit recommendations, taking into account, weather conditions, encourage them to engage with the app regularly for a better wardrobe experience.

Fashion Enthusiasts: The application will have a dynamic appearance to appeal to fashion enthusiasts, who are driven by trends. Actively exploring and adding diverse items, they make use of the trend analysis feature. The app adapts to their evolving style, providing personalized outfit suggestions, transforming their larger wardrobe into a canvas for experimentation.

Busy Professionals: The application is planned to have a streamlined experience to allow busy professionals to quickly and efficiently receive outfit recommendations. Recognizing the need for work-appropriate attire, the system swiftly organizes and suggests outfits, enabling professionals to maintain a polished appearance without significant time investment.

Note: *For all users, the application offers a consistent user interface. However, the features utilized by each group of stakeholders may vary to cater to their specific needs and preferences. The target stakeholders for this app are primarily the youth demographic, who are expected to be tech-savvy and familiar with similar technological platforms.*

UI Flowchart:



Project Status Tracker:

https://iiitaphyd-my.sharepoint.com/:x:/g/personal/jayesh_sutar_students_iiit_ac_in/Ea2SbExM6NhBjsOkTpPdLgsBplpHR68QuyoF9RhVc8R9XA?e=NgSplm