A Project Abstract on

**Personal stylist based on weather and mood**

fulfilment of

grade for the subject

**Artifical intelligence and Machine learning(24AD2001)**

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**Project title : Gait-Based Health Risk Detection**

* **Problem Statement :**
* People often get confused about what to wear each day. Their choice of clothes depends on both the weather and how they are feeling (mood). Existing apps usually focus only on shopping or weather, but they don’t give outfit suggestions by combining mood and weather together. So, there is a need for a **Personal Stylist System** that suggests suitable outfits based on the user’s mood and the current weather, making it easier and quicker to decide what to wear.
* **Objectives**
*  To suggest outfits based on both the user’s **mood** and the **weather**.
*  To make choosing clothes **easier and faster**.
*  To help users feel **comfortable and confident** in what they wear.
*  To save **time and effort** in daily outfit selection.
*  To give **personalized recommendations** instead of general suggestions.
* **Proposed Methodology**

**1.Input Collection**

* Take user’s mood (happy, sad, casual, formal, etc.).
* Collect weather data (sunny, rainy, cold, hot).

2. **Data Processing**

* Match mood and weather conditions with outfit rules in the system.
* Use a recommendation algorithm to find the best outfit options.

3. **Outfit Recommendation**

* Suggest outfits that suit both the mood and weather.
* Show multiple options for the user to choose from.

4. **Feedback System**

* Take user feedback on the suggestion (like/dislike).
* Improve future recommendations based on user choices.
* **Expected Outcome**

 Users will get **personalized outfit suggestions** based on mood and weather.

 The system will make **daily outfit selection easier and faster**.

 Users will feel more **comfortable, confident, and stylish**.

 The app will help in **saving time and reducing confusion** while

choosing clothes

 Over time, the system will **improve recommendations** by learning

feedback.

**Abstract**

Selecting the right outfit is often confusing, as people need to consider both their mood and the current weather. Existing apps usually focus only on weather updates or online shopping, but they do not provide personalized outfit recommendations. This project aims to develop a **Personal Stylist System** that suggests suitable clothing by combining mood and weather conditions. The system will take user mood and weather data as inputs, process them using predefined rules or algorithms, and recommend outfits that best match the situation. Users will also be able to give feedback, which helps in improving future suggestions. The expected outcome is to make outfit selection easier, faster, and more personalized, helping users feel comfortable, stylish, and confident in their daily lives.

1. Helps in **choosing outfits** based on both **mood** and **weather**.

2 .Collects user’s **mood input** and **real-time weather data**.

3.Uses a **recommendation system** to suggest suitable clothes.

4.Provides **personalized, quick, and stylish outfit choices**.

5. Improves over time through **user feedback**.

6. Saves **time, effort**, and reduces confusion in daily dressing.