**Project Concept Note**

**Project Title** SunSafe - Sunlight Sensitivity Aid App

**Objective**

The SunSafe app is designed to assist individuals with albinism in managing sunlight sensitivity, offering features that enhance comfort and safety. By providing real-time sunlight exposure tracking, UV index monitoring, and personalized recommendations, the app aims to empower users to navigate outdoor activities with confidence and reduce the risk of sun-related discomfort or harm.

**Key Features**

**Sunlight Exposure Tracker**

Users can input their location to receive real-time information about sunlight intensity throughout the day.

The app calculates the user's safe exposure time based on their sensitivity settings, taking into account factors like skin type and current weather conditions.

Personalized recommendations for optimal times to go outdoors are provided, maximizing comfort and minimizing the risk of overexposure.

**UV Index Monitoring**

Integrates with weather data to fetch and display the UV index information for the user's current location.

Sends notifications or alerts when UV levels are high, prompting users to take necessary precautions such as applying sunscreen, wearing protective clothing, or seeking shade.

**Location-Based Services**

Utilizes GPS technology to track the user's location, allowing the app to provide location-specific sunlight data.

Offers a map feature that highlights areas with more shade or lower UV intensity, helping users plan their routes and activities accordingly.

**User Profile and Preferences**

Users can create personalized profiles with details about their skin type, medical history, and specific sunlight sensitivity concerns.

Customizable sensitivity settings allow users to adjust the app's recommendations based on their unique needs and preferences.

**Educational Resources**

Provides educational content on sun safety, albinism, and the importance of managing sunlight exposure.

Offers tips and best practices for sun protection, including information on appropriate clothing, sunscreen usage, and eye protection.