# System Analysis

Project: UV Exposure & Weather Tracker

Client: South Skin Cancer Treatment Center of America

Date: 2025-03-28

## Functional Requirements

- Accept user input (city/ZIP)  
- Auto-fetch location with GPS  
- Pull forecast & UV index via Open-Meteo  
- Display daily UV risk, color codes, tips  
- Track total weekly UV usage

## Non-Functional Requirements

- Public, mobile-friendly design  
- Secure and fast API integration  
- No login required

## Stakeholders

- Project Sponsor: Clinic Director  
- Developer: Shequila Sledge  
- End Users: Patients, public health visitors