



PROJECT DESIGN

SOUTHWEST SKIN CANCER INSTITUTE OF AMERICA CLIENT UV PLANNER

RUEHR INC.
STREET ADDRESS
CITY, STATE ZIP CODE

DATE

FOR THIS PROJECT THE DEVELOPERS WILL BE CREATING A WEB-BASED INTERFACE WHERE USERS CAN ENTER THEIR LOCATION AND RECEIVE DATA ABOUT THE UV INDEX FOR THE PREVIOUS 5 DAYS AS WELL AS A FORECAST FOR THE FUTURE. THERE SHOULD BE A SIMPLE FORM WHERE THE USER INPUTS THIS DATA WHICH CAN BE CREATED WITH HTML AND CSS. AFTER THE FORM WHERE THE USER INPUTS THEIR LOCATION THERE SHOULD BE A SUBMIT BUTTON WHICH TRIGGERS THE DATA RETRIEVAL. SOME BASIC VALIDATION SHOULD BE DONE TO MAKE SURE THAT A VALID LOCATION IS INPUTTED INTO THE SEARCH FIELD. FOR THE DATA RETRIEVAL JAVASCRIPTS CODE WILL BE TRIGGERED UPON THE USE OF THE SUBMIT BUTTON TO FETCH THE DATA FROM THE OPEN-METEO API. ONCE THE DATA IS RETRIEVED IT SHOULD BE VISUALIZED IN THE FORM OF A GRAPH SHOWING THE TRENDS IN UV INDEX OVER THE DESIRED TIMESPAN.



HERE IS A BASIC EXAMPLE OF WHAT IT COULD LOOK LIKE:

UV Planner

Enter a location to view UV index data for the past and next 5 days.

UV chart will appear here.

