**Step 2: Project Planning**

Based on the user’s location (latitude/longitude), fetch UV data and display a recommendation like:

"You need sunscreen today! UV index is high (7.3)"  
 "You're safe, no sunscreen needed. UV index is low (2.1)"

**Pages**

* / → Home page: includes a form for lat/lng input + a results display
* /result → Displays the UV data after form submission

**Flow**

1. User enters lat/lng → clicks "Check UV"
2. Server makes a GET request to Open UV API
3. Server receives UV data and renders it via EJS
4. User sees UV index + sunscreen recommendation

**API Notes**

* Requires API key
* Requires lat/lng as input
* Returns current and max UV index

**1. API Access Error (403 Forbidden)**

* **Issue**: Initial attempts to access the OpenUV API returned a 403 error.
* **Fix**: Verified the API key was correctly included in the Axios headers and used x-access-token instead of common Authorization.

**2. API Data Was Undefined**

* **Issue**: Got an error like Cannot read properties of undefined (reading 'toFixed').
* **Fix**: Used data validation before trying to format or display the data.