

Uv Tracker

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Company Background

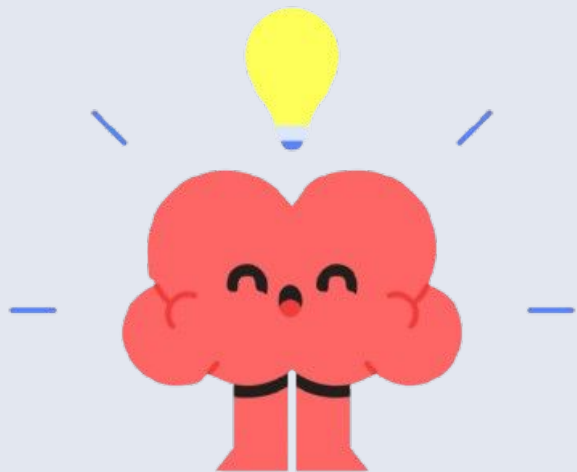
- a. The Center identified a need for better UV exposure management for patients
- b. Excessive UV can worsen skin conditions and increase cancer risk
- c. A web-based UV tracker was created to help patients:
 - Check current UV levels by city
 - View past 5 days of exposure
 - See next 5 days of UV forecasts
- d. Supports safer sun decisions and improved treatment outcomes

Table of contents

01 Conceptualization

02 Development

03 Web Demo



The image features a light blue background with two horizontal dark blue lines. In the top-left and bottom-left corners, there are dark blue wavy lines that curve upwards and then downwards. In the top-right and bottom-right corners, there are dark blue wavy lines that curve downwards and then upwards.

Conceptualization

Project Purpose

- Help patients manage sun exposure
- Reduce skin-damage risks
- Provide UV data for any city
- Show past 5 days + next 5 days



Business Need

- Supports patient safety & informed decisions
- Allows exposure comparison over time
- Improves health management



Business Objectives

- Create a prototype for the UV tracking page.
- Build the tool using HTML, CSS, and JavaScript.
- Use the Open-Meteo API to provide accurate past, current, and forecast UV data and deliver an easy, interactive, user-friendly tool.



Risk

- API may be inaccurate or unavailable
- Compatibility issues on some devices
- Some planned functionality may be limited



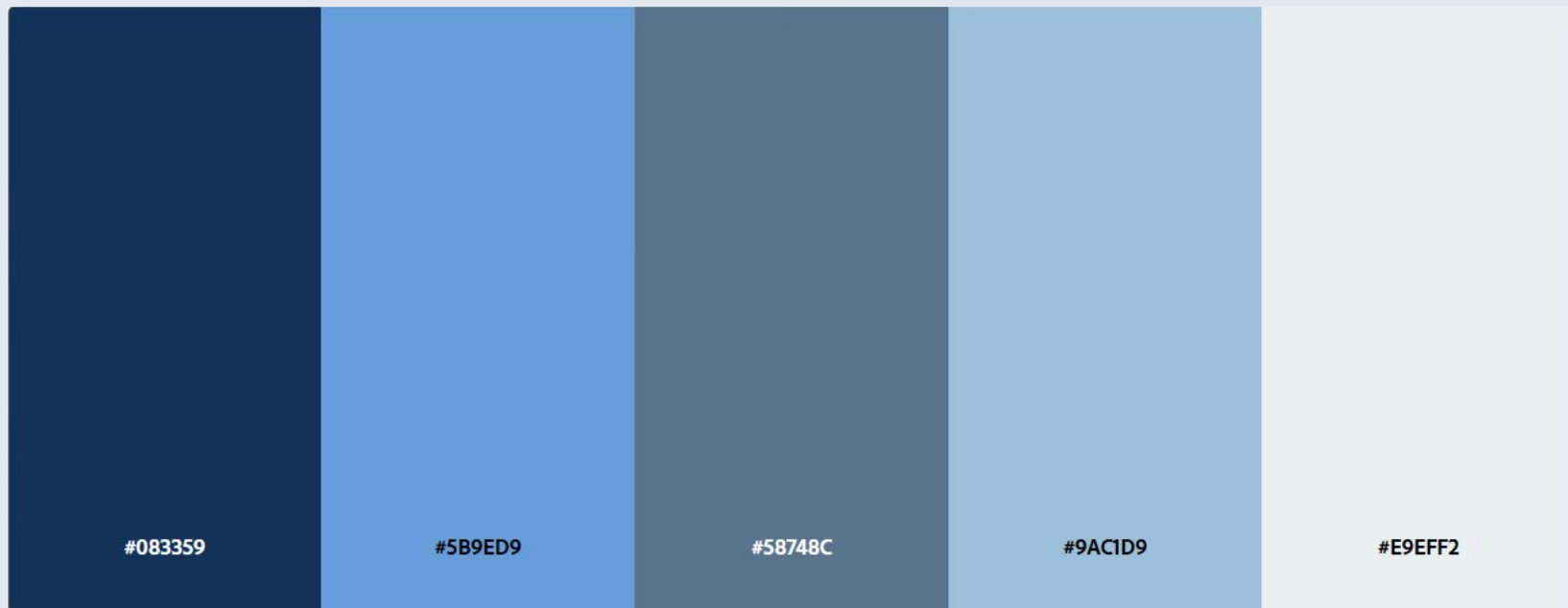


Development

Initial Design



Color Scheme



Re-Design

UV Tracker

Track your UV exposure by checking past or future forecasts to stay protected

Please type in the city name you would like to search:

Clear

Would you like to view the past 5 days or future?

Past

Present

Here's the Past 5 days

Final Design

UV Tracker

Track your UV exposure by checking past or future forecasts to stay protected

Please type in the city name you would like to search:

Clear

Would you like to view the past 5 days or future?

Past

Present

Here's the Past 5 days

Demo Section

Demo Breakdown

- City search
- Today's UV level
- Past 5 days
- Next 5 days
- Interactive chart & tooltips



Test locations

1. Dubai
2. Tokyo
3. London
4. Little Rock



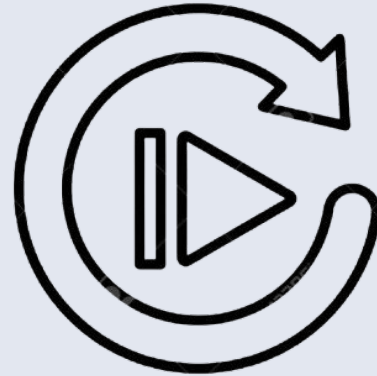
Demo Link

<https://ayatnalkhatib.github.io/Uv-Tracker/>

Conclusion

Recap

- UV Tracker supports patient safety
- Provides reliable UV data for decision-making
- Accessible, informative, user-friendly
- Ready for integration into center's website





Questions?