



WeatherTastic



Concept

OBJECTIVE

- To develop an application that helps users select clothing based on weather, location, and dates.

MARKET NEED

- A large proportion of the population including busy professionals, travelers, and students have difficulty planning and packing clothing for trips, events, and daily commutes.
- This app will support these individuals in the planning and purchasing of items based on upcoming weather conditions.

Concept (cont.)

TARGET AUDIENCE

- Includes travelers, professionals and users who generally have difficulty planning their clothing.

MINIMUM VIABLE PRODUCT (MVP)

- An application with user input for gender, location, dates, that recommends categories and clothing based on upcoming weather conditions.

Considerations

- Mobile use: we expect that for convenience, users would use this app mainly on their smartphone.
- Datepicker and date range: we expect that users would want to have a datepicker dropdown along with a range of dates to choose from.
- Categories – we expect that users would want to select item categories which would lead them to specific products.



UI Design

Adobe XD

iPhone X/XS – 1



iPhone X/XS – 2



iPhone X/XS – 3



iPhone X/XS – 4



iPhone X/XS – 5



iPhone X/XS – 6



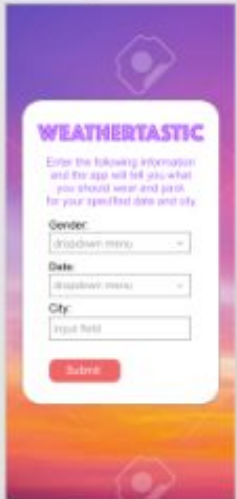
iPhone X/XS – 7



iPhone X/XS – 8



iPhone X/XS – 9



iPhone X/XS – 10







The screen shows the WeatherTastic app interface. At the top, there's a blue sky background with a faint map icon. The app title "WEATHERTASTIC" is in large, bold, blue letters. Below it, a white rounded rectangle contains the following text: "Enter the following information and the app will tell you what you should wear and pack for your specified date and city." There are three input fields: "Gender:" with a dropdown menu showing "dropdown menu", "Date:" with a dropdown menu showing "dropdown menu", and "City:" with an input field showing "input field". A yellow "Submit" button is at the bottom of the white box.

WEATHERTASTIC

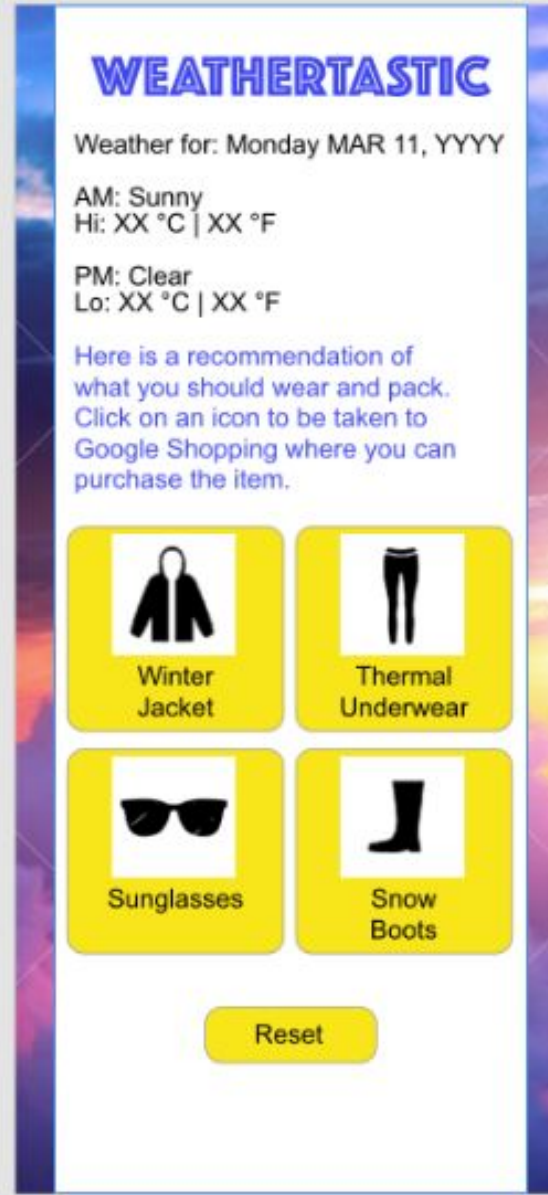
Enter the following information and the app will tell you what you should wear and pack for your specified date and city.

Gender:
dropdown menu

Date:
dropdown menu

City:
input field

Submit



The screen shows the WeatherTastic app interface. At the top, there's a blue sky background. The app title "WEATHERTASTIC" is in large, bold, blue letters. Below it, the text "Weather for: Monday MAR 11, YYYY" is displayed. Then, the weather forecast is shown: "AM: Sunny" and "Hi: XX °C | XX °F", followed by "PM: Clear" and "Lo: XX °C | XX °F". Below the forecast, there's a paragraph: "Here is a recommendation of what you should wear and pack. Click on an icon to be taken to Google Shopping where you can purchase the item." There are four yellow buttons with icons and text: "Winter Jacket" (jacket icon), "Thermal Underwear" (pant icon), "Sunglasses" (sunglasses icon), and "Snow Boots" (boot icon). A yellow "Reset" button is at the bottom.

WEATHERTASTIC

Weather for: Monday MAR 11, YYYY

AM: Sunny
Hi: XX °C | XX °F

PM: Clear
Lo: XX °C | XX °F

Here is a recommendation of what you should wear and pack. Click on an icon to be taken to Google Shopping where you can purchase the item.

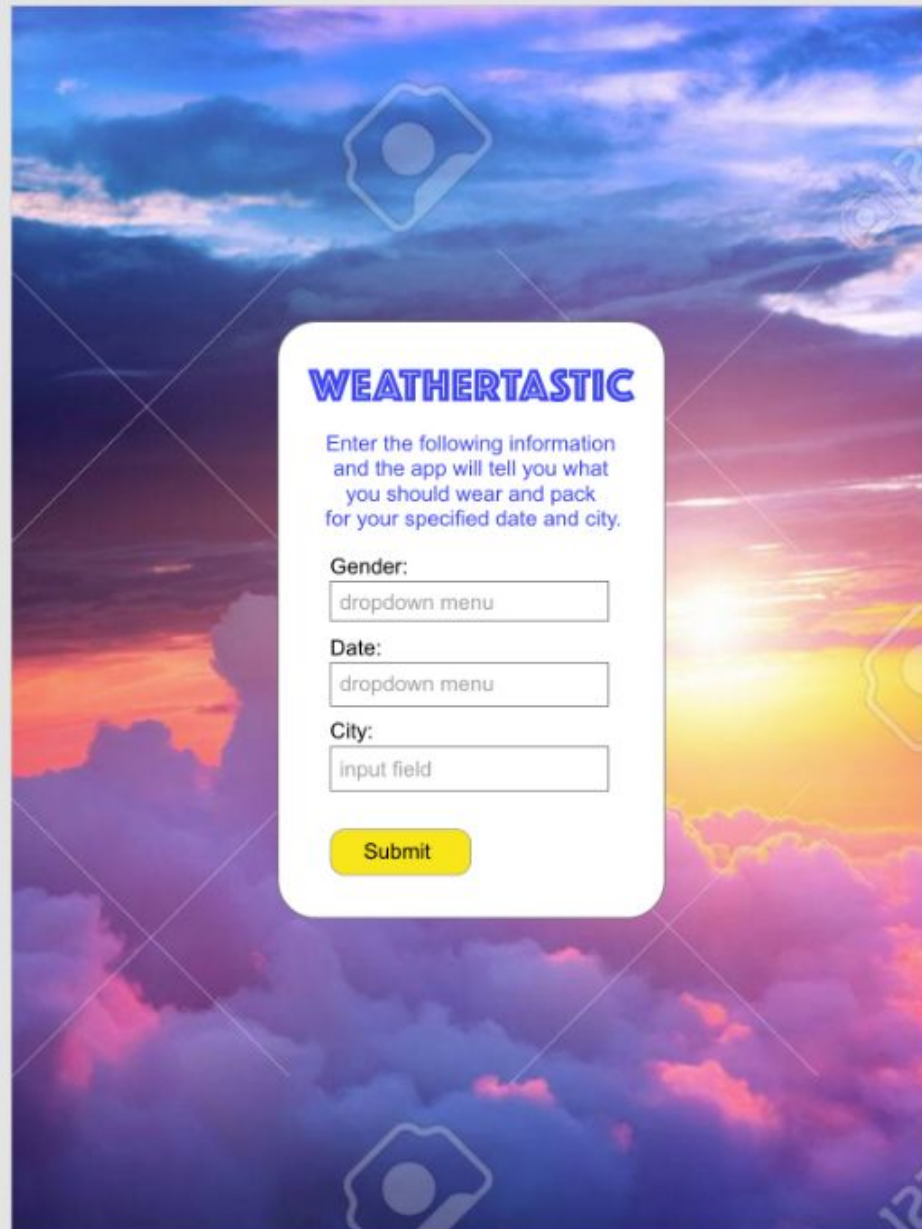
Winter Jacket

Thermal Underwear

Sunglasses

Snow Boots

Reset



The interface features a vibrant background of a sunset or sunrise over a cloudy sky. A white rounded rectangle is centered on the screen, containing the app's title and a form for user input. The form includes fields for gender, date, and city, each with a placeholder text. A yellow 'Submit' button is located at the bottom of the form. The app's logo is also visible in the top right corner of the screen.

WEATHERTASTIC

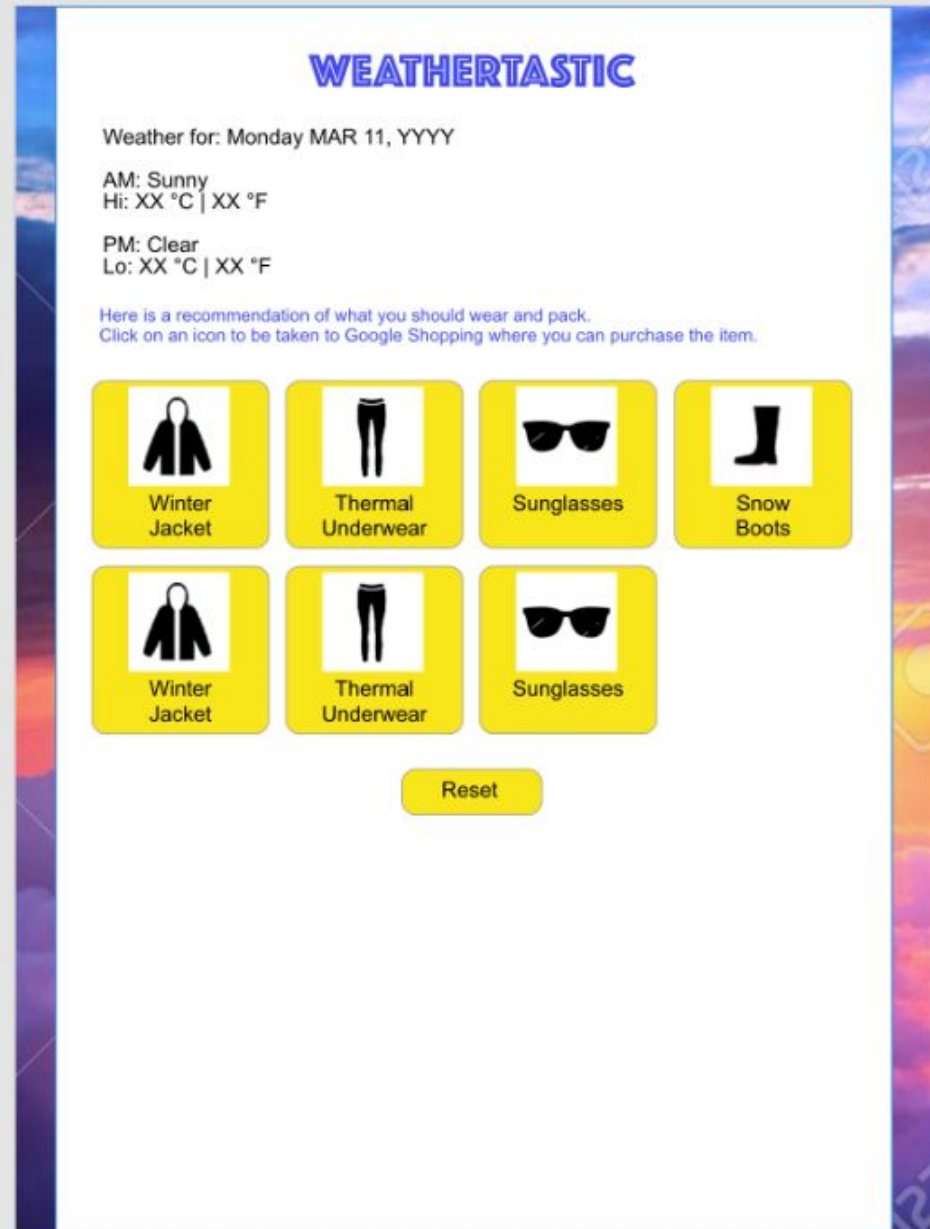
Enter the following information and the app will tell you what you should wear and pack for your specified date and city.

Gender:

Date:

City:

Submit



The interface displays the app's title and the weather forecast for a specific date. Below the forecast, there is a recommendation for what to wear and pack, with icons for each item. A 'Reset' button is located at the bottom of the recommendation section.


WEATHERTASTIC


Weather for: Monday MAR 11, YYYY


AM: Sunny
Hi: XX °C | XX °F


PM: Clear
Lo: XX °C | XX °F


Here is a recommendation of what you should wear and pack.
Click on an icon to be taken to Google Shopping where you can purchase the item.



Winter Jacket



Thermal Underwear


Sunglasses

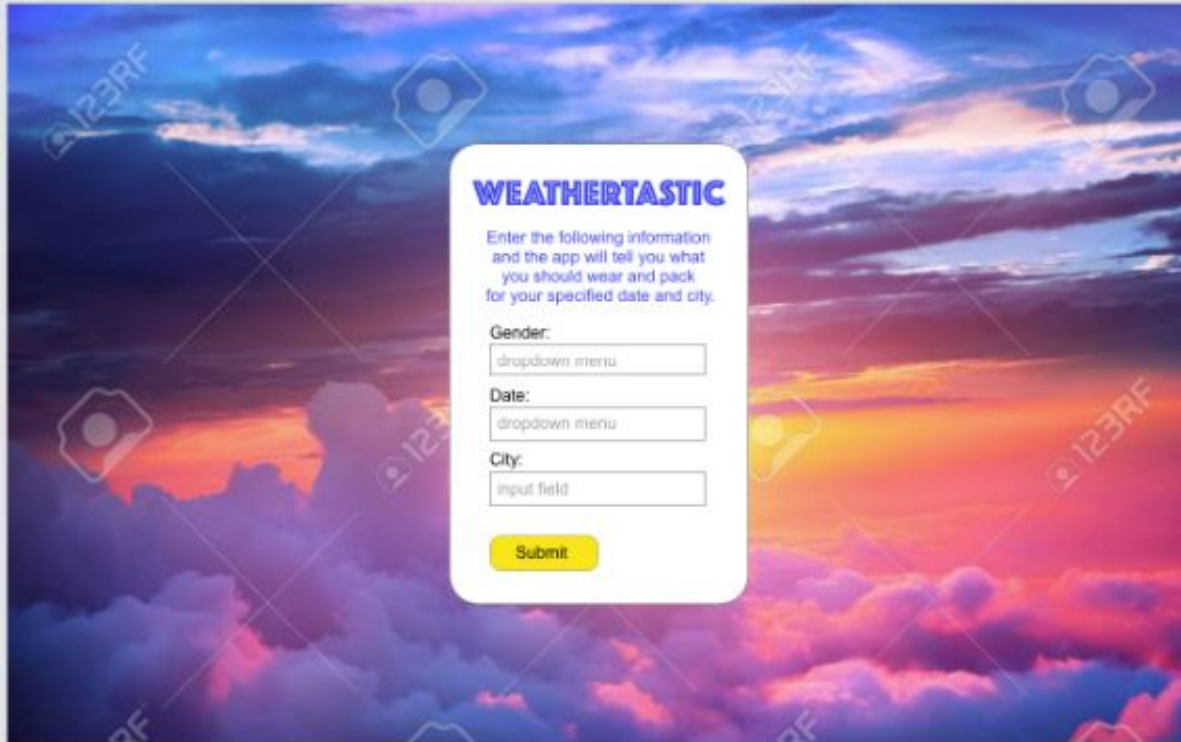

Snow Boots


Winter Jacket


Thermal Underwear


Sunglasses

Reset



WEATHERTASTIC

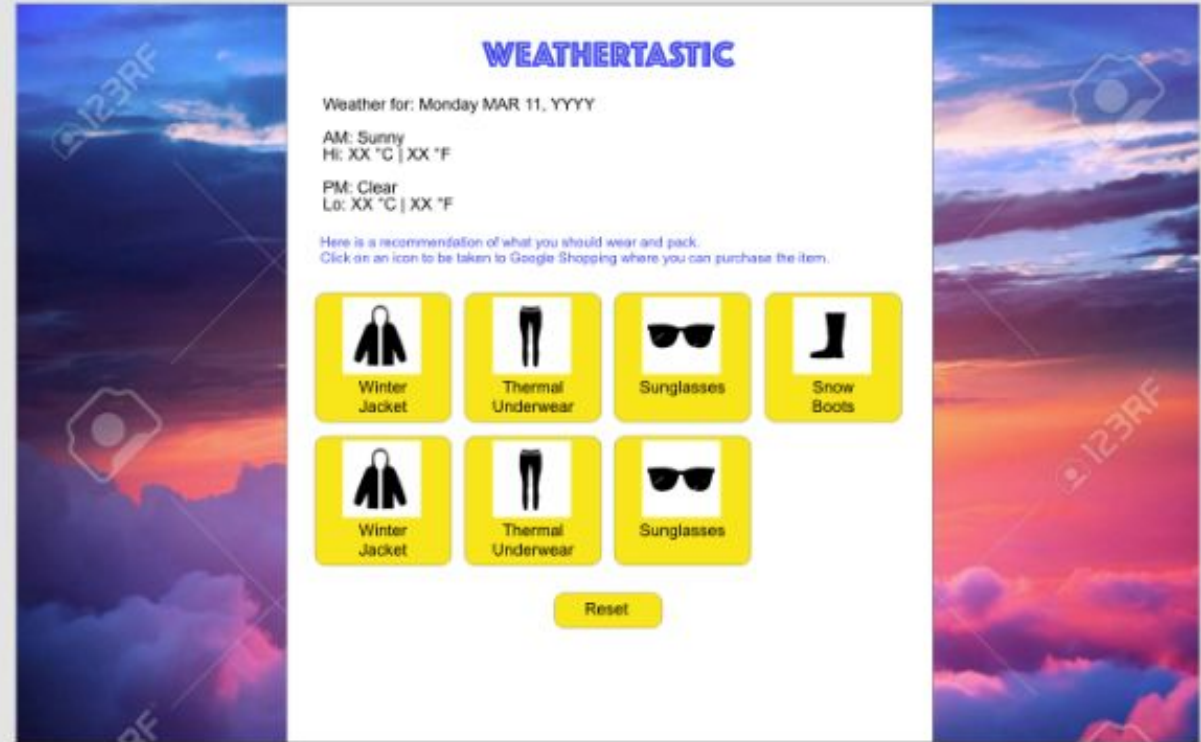
Enter the following information and the app will tell you what you should wear and pack for your specified date and city.

Gender:

Date:

City:

Submit










WEATHERTASTIC

Weather for: Monday MAR 11, YYYY

AM: Sunny
Hi: XX °C | XX °F

PM: Clear
Lo: XX °C | XX °F

Here is a recommendation of what you should wear and pack.
Click on an icon to be taken to Google Shopping where you can purchase the item.

 Winter Jacket	 Thermal Underwear	 Sunglasses	 Snow Boots
 Winter Jacket	 Thermal Underwear	 Sunglasses	

Reset

App Demonstration

[WeatherTastic Demo](#)

Code Structure & APIs

Review of code and use of APIs

Challenges

- Finding free APIs
- Finding a free API with historical weather data
- Applying Datepicker and application logic to date ranges
- API integration with online stores
- Datepicker integration with Materialize
- Logic for category selection based on weather
- Github and version control

Future Versions

- Icons for weather
- Other types of weather (i.e. UV Index, Pollution Index)
- More specificity with clothing recommendations
- Clothing selections based on age
- Clothing recommendations based on preferred fashion style and location
- Machine learning ability for user's fashion taste (i.e. user's age, brands and current fashion trends)
- Location and map for stores
- Sunrise and sunset time
- Background image changes with weather and time
- Extreme weather alerts (e.g. tornado) and government notifications

Maki
Hirose

Shyloh
Elder

Thank You!

Alain
Joseph

Perry
Sham

Iwona
Antonik