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

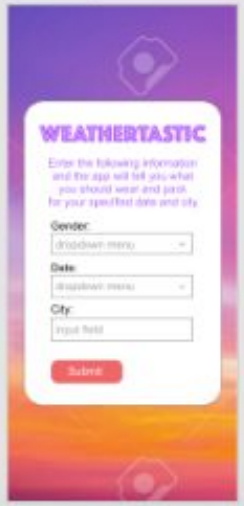
iPhone X/XS – 5

iPhone X/XS – 6

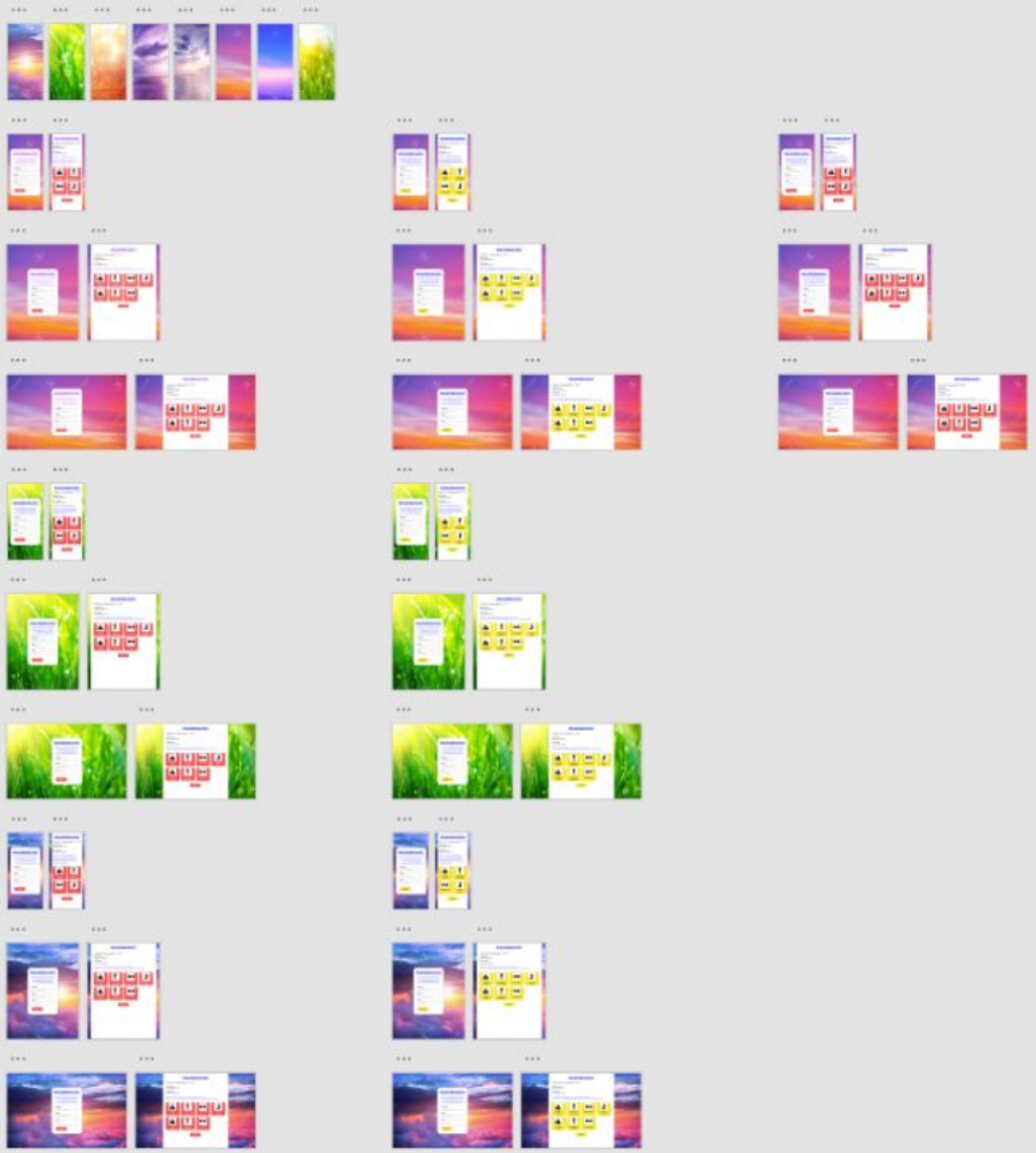
iPhone X/XS – 7

iPhone X/XS – 8

iPhone X/XS – 9

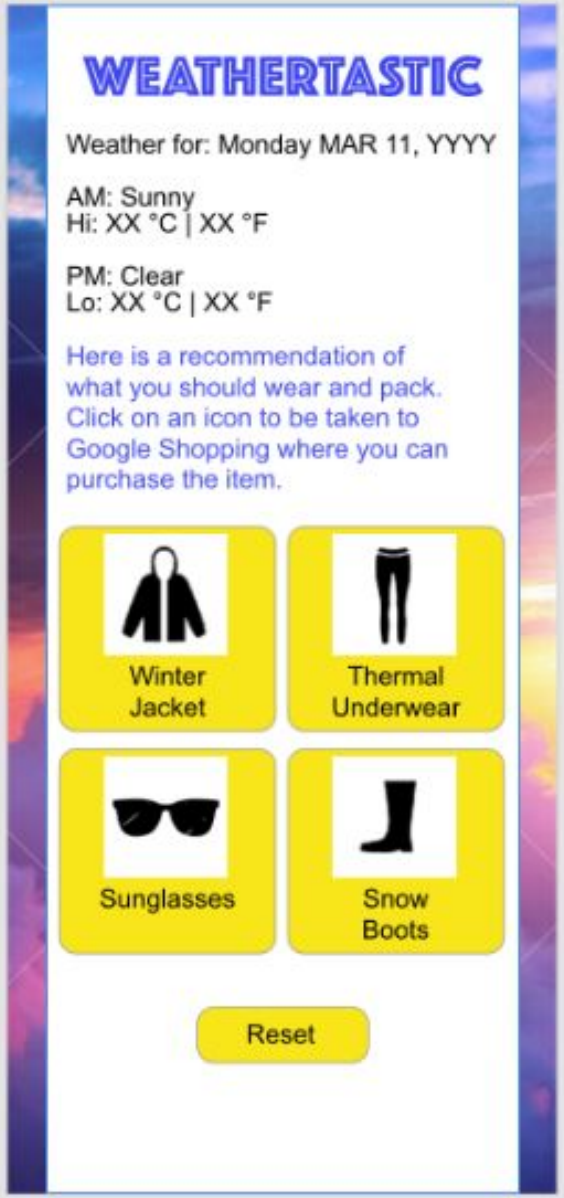


iPhone X/XS – 10

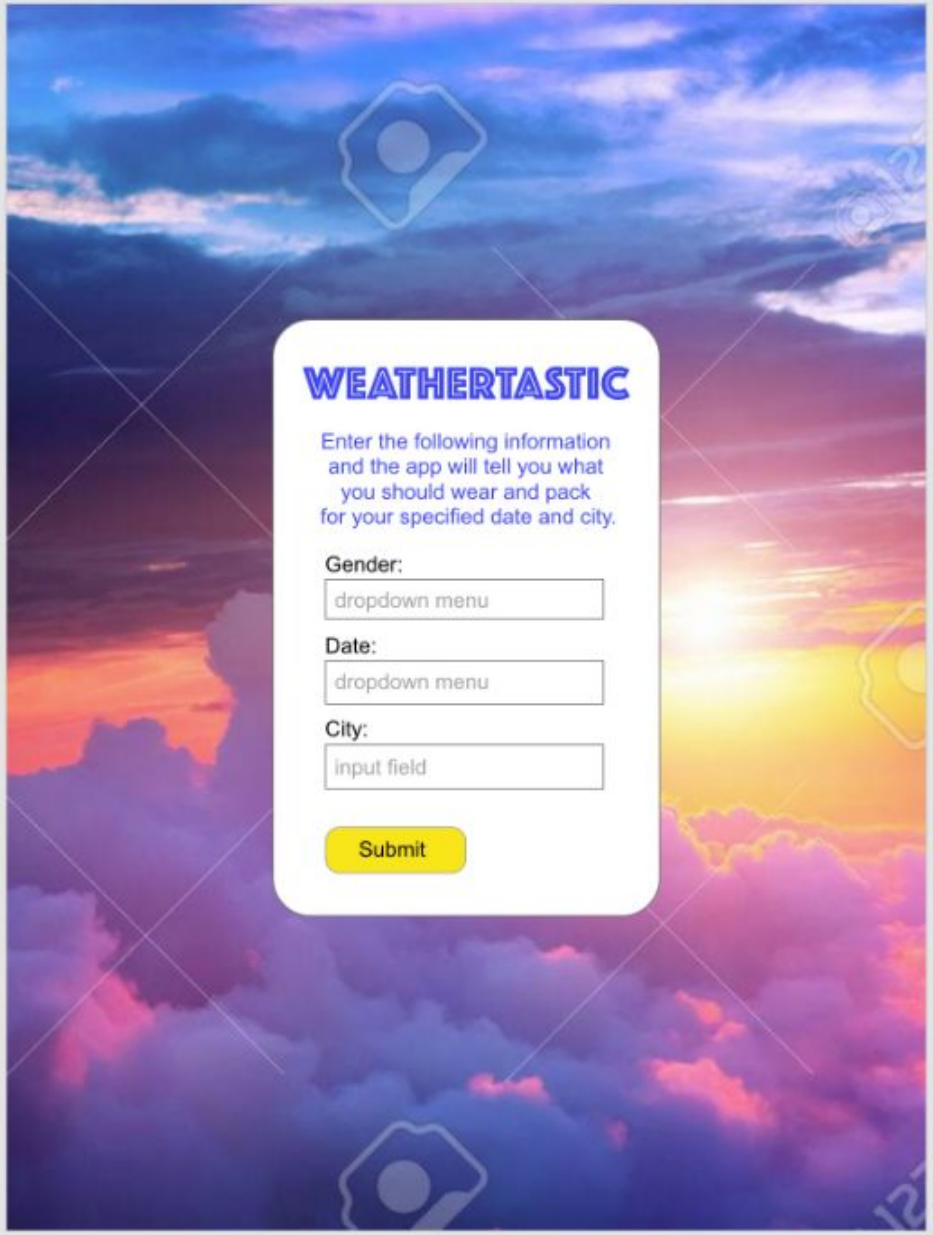


iPhone X/XS – 19

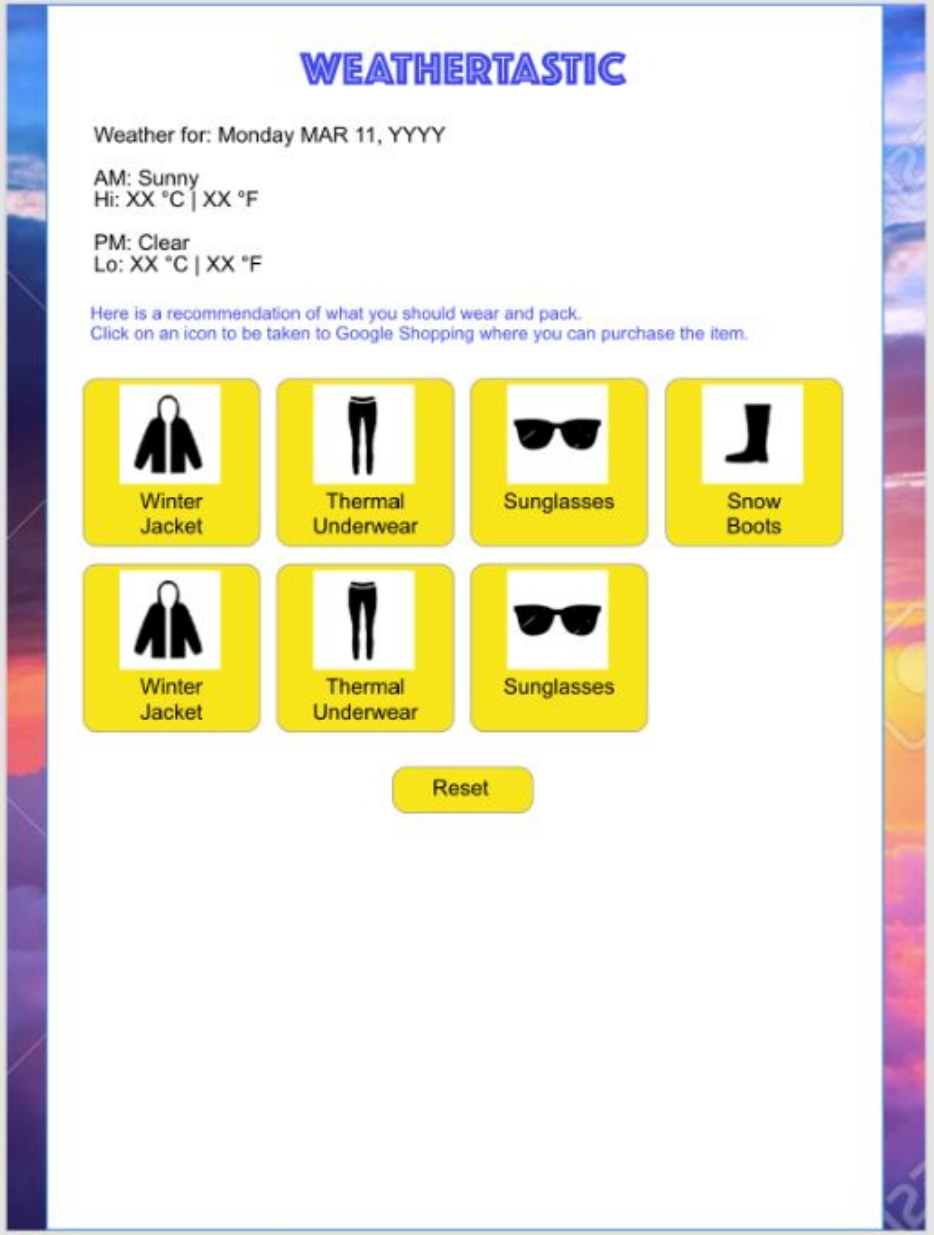
iPhone X/XS – 20



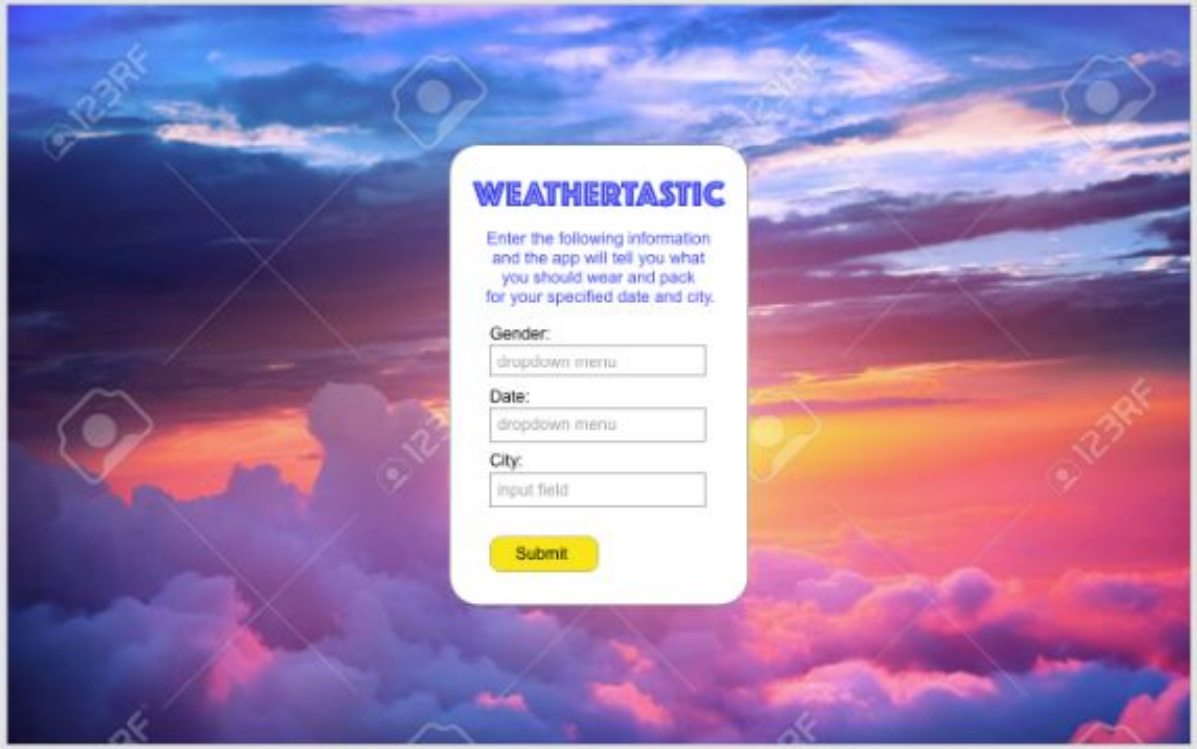
iPad – 11



iPad – 12



Web 1280 – 11



Web 1280 – 12

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