

## [WEAR]THER

WEARther is an app that provides outfit suggestions based on the weather forecast in a user's specific location. Geolocation will be determined using HTML; if a user's geolocation is disabled, they will be prompted to enter their zip code. Users then select preferred 'Fahrenheit' or 'Celsius' units, choose their preferred style of Men's, Women's or Gender Neutral, and then determine their occasion: Casual, Business-casual, or Formal. The forecasted high for the day will fall into one of seven temperature ranges, and users will receive a suggested outfit accordingly. If the forecasted condition for the day includes clouds or rain, a suggestion to add an umbrella will appear.

### AUDIENCE:

The primary audience is students and young-adult working professionals ages 14-36. This demographic commonly relies on modern technology and new media to access live weather updates. Their schedules normally require planning an outfit while considering the weather throughout the entire day.

### TECHNOLOGY:

The key data for our weather forecasts will draw from a jQuery plugin called [simpleWeather](#), which collects weather forecasts from Yahoo Weather. We plan to use the framework [Foundation](#) for our HTML and CSS.

## ROLES:

### Mike

- Determine “Men’s” outfit pieces
- Debugging
- Collaborate on code and design

### Shania

- Determine “Women’s” outfit pieces
- Create graphic illustrations of each outfit
- Collaborate on code and design

## CHALLENGES & RISKS:

- Determining Fahrenheit vs. Celsius: Determining the temperature range associate with each outfit may be tricky considering users’ automatic unit settings.
  - If automatic settings are too difficult to integrate into our program, require users to select their preferred units so we are in control of the data. If we are unable to override automatic units with user selection, default to Fahrenheit and provide a disclaimer that users’ automatic units must be in Fahrenheit.
- Rain Forecasts: simpleWeather does not give precipitation forecasts.
  - We will us the “condition” data to determine whether or not an umbrella is suggested. If the current or future condition forecast includes clouds or and form of rain, we will suggest bringing an umbrella. If this feature becomes too complex to complete, we will remove it from the app.