

**Rain or Shine**  
Hack Challenge Proposal

Rain or Shine is an app that recommends users outfits to wear, given the weather at their current location. Users have the option to like photos of outfits, so that they search or sort by filters for access at a later time. Users can also see the weather up to 2 days in advance, so that they can plan out their future outfits regarding the weather as well.

Below are mid-fidelity screens of our app. We anticipate using UITextField, UILabel, UIButton, UITableView, UICollectionView, as well as many modals.

To gather weather data, we are going to use OpenWeatherMap. We will ask the user for location permissions and then use the weather data for their area to display within the app e.g. temperature, precipitation chances, wind etc. We are also looking into getting access to the extensive Pinterest API which can give us access to constantly-updated pins containing outfits and accessory ideas based on the aforementioned weather data.

The API we design for our own app can contain the relationships between the Pinterest pins to the different weather types, as well as user preferences. Example routes include: get summer pins, get winter pins, get rainy pins, update user, get user preferences.

