

# Final Project



Brooke Weil

# ClimbMate

“

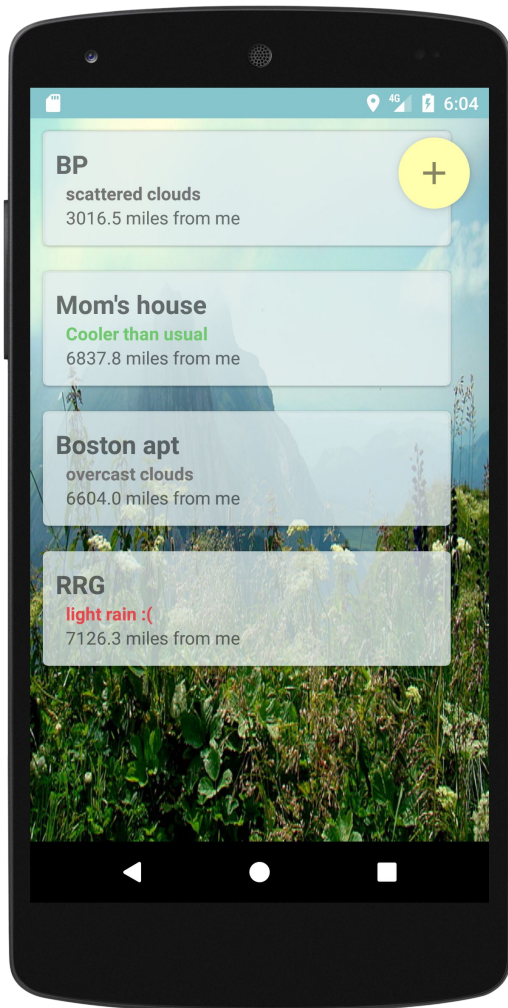
Where should we climb today?”

# Features

- Add locations by latitude/longitude (manually or by map)
- Assign custom names to each location
- See current weather data for each of your saved places
- See how far you are from each of your saved places
- Compare temperature now to historical average and to your ideal temps
- Quickly rule out areas where it's currently raining

# Technologies

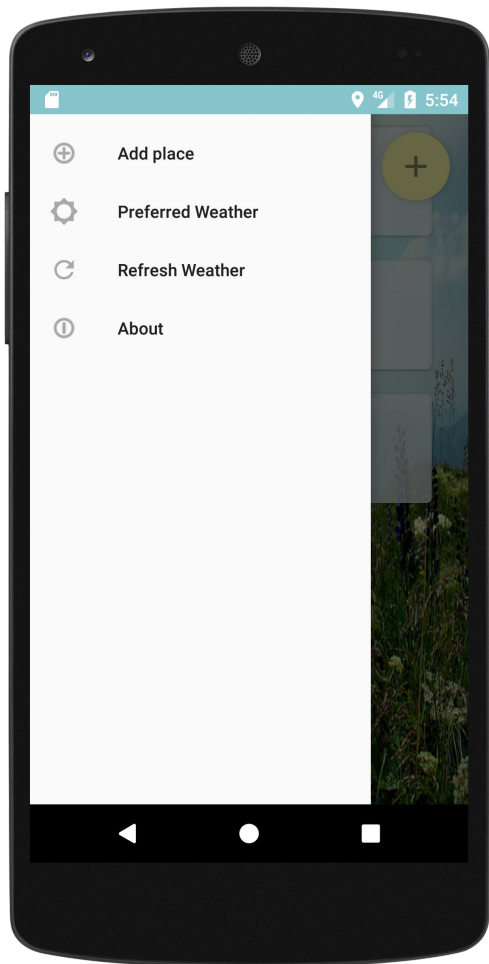
- Google Maps fragments (easy integration with Google Maps for getting directions!)
- Realm for storage of your places
- SharedPreferences for storage of your ideal temperature
- OpenWeatherMap API for current weather, and WeatherUnderground API for historical average weather



## Main Screen

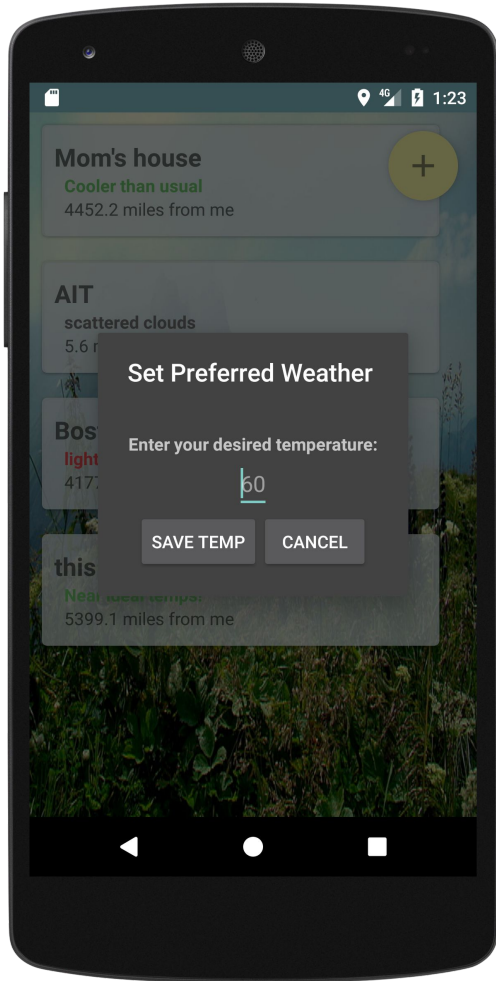
View your saved places  
and quick info about  
current conditions, access  
menu

Quickly see current  
conditions (**rain** is  
highlighted in **red**), whether  
temperature is especially  
**cool or close to ideal**  
(highlighted in **green**)



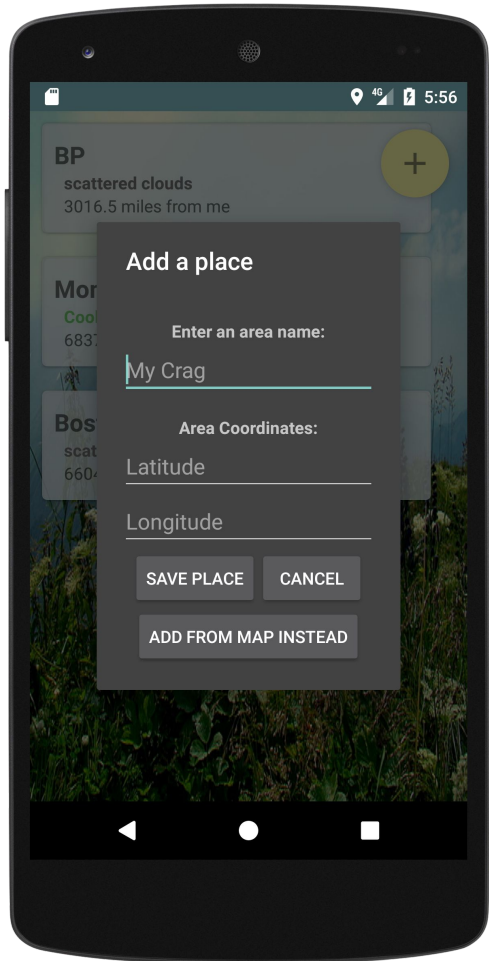
## Menu Drawer

Add a new place, update your ideal weather, refresh the weather for your places, view info about the app



# Set ideal temps

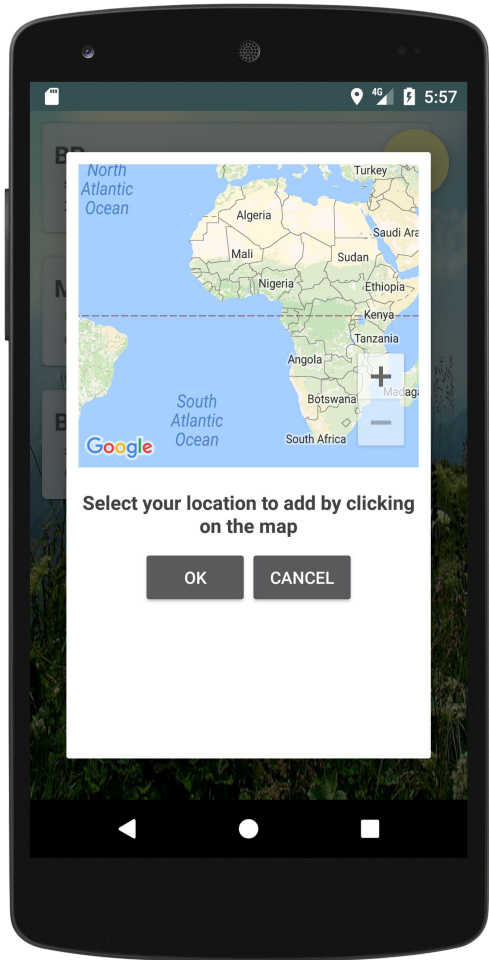
And view your currently set  
ideal temperature



## Add new place

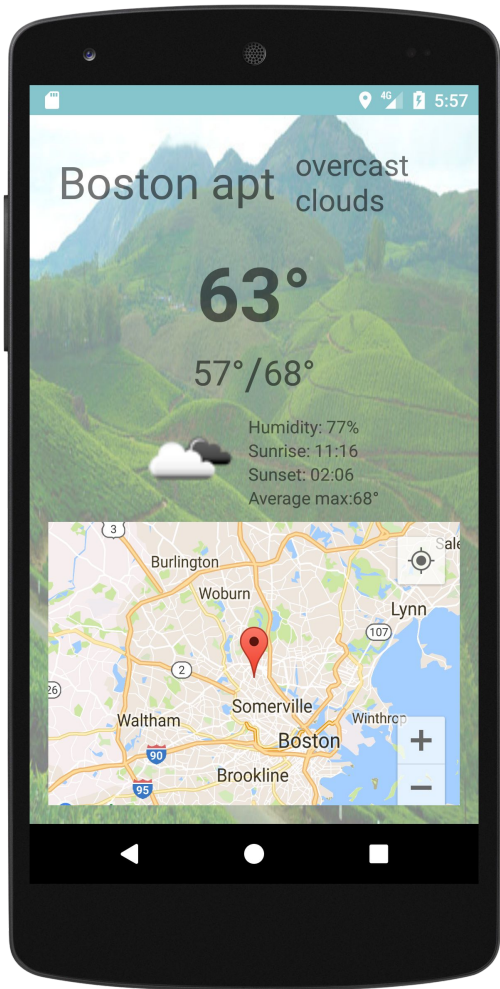
Name your place, **set location manually** or by choosing a location on a map





## Add new place

Name your place, set location manually or **by choosing a location on a map**



## View place details

See all weather details,  
including historical average  
max temperature, and view  
your location on a map

