

# Weather application

## Instructions

Create a simple iOS app for weather forecasting. It should show the actual weather for your current location.

### Minimal functionality:

- In the forecast tab, show the forecast for the next 5 days (in 3 hour intervals) at your current location.
- Make sure you consider and handle all possible states of the app (offline, data not loading, errors, etc).

### Nice to have functionality:

- Implement Dark mode in the app.

### Use:

- Swift 5.\* versions
- Create layout in code using autolayout. (Allowed to use third-party layout library using Cocoapods)
- MVVM/MVP
- Open Weather Map API (<http://openweathermap.org/api>).
- Geolocation for determining the current position of the device (use Core Location to get the GPS data).
- Use the design for the application provided below (it is mockup, not final design)
- Share weather as text

### Result:


- Code should be published to a public repository on GitHub
- Repository should contains commit history instead of single one
- Select icons by yourself. App should contain non-default launch icon
- Link should be provided to interviewer


Carrier

8:02

100%


Today






London, UK


22°C | Sunny




57%




1.0 mm



1019 hPa





20 km/h



SE

Share

Today

Forecast


Carrier

8:02

100%


London

TODAY




13:00  
Clear

22°




16:00  
Rain Showers

18°



19:00  
Rain Showers


15°



22:00  
Few Clouds


12°


FRIDAY



01:00  
Clear

10°

Today

Forecast