

TUI Mobility Hub - Test Project Challenge

OpenWeather

Use the OpenWeather API call <http://openweathermap.org/forecast5> to retrieve data for displaying weather forecast by every 3 hours for upcoming 5 days for specific city in UK.

Present data in visual layout, where every day represents a row and every 3 hour weather forecast represents a cell in a row. User has to be able to scroll the cells within the row.

Each row should clearly show date and each cell in the row should clearly show temperature and time of the day. Present city/town/postcode as well, whatever applicable.

Bonus 1: Show weather icon in each cell (download and cache it, don't bundle it in the App).

Bonus 2: Show weather for specific location within UK.

Bonus 3: Show map for location.

Instructions:

- Don't pay too much attention to design, use standard UI elements.
- Consider running it on different devices and orientations.
- Code in Swift 4.
- Use iOS SDK version of your choice.
- Don't use any 3rd party tools/frameworks.
- Return Xcode 9+ project, zipped and few words about your code.
- Do Test-driven Development.