Weather Application

Section 1 : IT developer

In this app we are showing weather conditions based on current location and allows user to change location using mapkit. We are using following frameworks

- CoreLocation
- Mapkit
- Alamofire
- OpenWeatherMap

CoreLocation : Core Location provides services for determining a device's geographic location, altitude, orientation, or position relative to a nearby iBeacon. The framework uses all available onboard hardware, including Wi-Fi, GPS, Bluetooth, magnetometer, barometer, and cellular hardware to gather data.

Mapkit : Display map or satellite imagery directly from your app's interface, call out points of interest, and determine placemark information for map coordinates.

Alamofire : Alamofire is open source framework used to call API from server.

OpenWeatherMap : OpenWeatherMap is an online service that provides weather data, including current weather data, forecasts, and historical data to the developers of web services and mobile applications

From UI point of view, we are using embedded Tableview in first screen to show forecast data, current weather is shown on top of screen. In second screen, there is inputField to get input from user and mapview to show map on screen.

Section 2 : User

This is simple weather application which shows user weather conditions based on current location and also allows users to change location.

Following are some features of this app :

Cognitive Home Screen: Changes based on your current location, weather, and time of day, so you get your current conditions plus the weather info you need most.

Weather Map : Check weather of any location on this earth by using your mobile phone in easiest possible way.