Abstract
Soufan Weather Station is a complete weather system that could be installed almost everywhere (houses, farms, research facilities …etc.). The purpose of this weather station is to provide an accurate data to the user and present this data in the most convenient way possible.

The Soufan weather station includes three main parts: hardware station to sense the weather, web server to store the data, and a mobile application to present the data.

This project forms the font-end of the Soufan weather station, which is the mobile application. This mobile application should have cross-platform combability. It should also present the data in different manners and patterns. The user interface for this app should be simple and user friendly as well.

Results:
• Functional and easy weather system
• Simple mobile application that present that data
• iOS mobile app
• Data presented in various ways
• Complete experience in mobile development