Mobile App Development Challenge

Overview

Smartech Ltd is a new start-up technology company whose mission is to create an integrated "home of the future" with mesh-connected IoT devices controlled at your fingertips through a centralized and intuitive mobile app.

The design and marketing team has already gone some way to developing the look and feel of the application and it is now upon you and your crack team of developers to bring it to functional fruition.

Developing the full application is of course quite an undertaking and so in order to demonstrate a proof-of-concept to showcase to potential investors your mission should you choose to accept it is:

1. Develop an app for a single platform (iOS or Android) the choice is yours

2. That resembles as best possible the look of the design as provided (by the marketing team)

3. Using the 'default' icons provided to show 5 top menu options (lighting, heating, cooking, connections, and grid)

4. Selecting an item should highlight it using its corresponding 'selected' icon.

5. Selecting the heating item should display a temperature wheel (as per the design)

6. Selecting any other item can be empty (for this proof-of-concept)

7. Provide a carousel at the bottom for switching between different rooms (i.e. Living Room, Kitchen, Bedroom)

That is the minimum that is required, but for extra bonus kudos:

8. Allow the temperature to be adjusted when a user moves the 'filled circle' around the 360-degree temperature wheel (corresponding to a temperature range 0 degrees to 36 degrees centigrade)

GOOD LUCK!