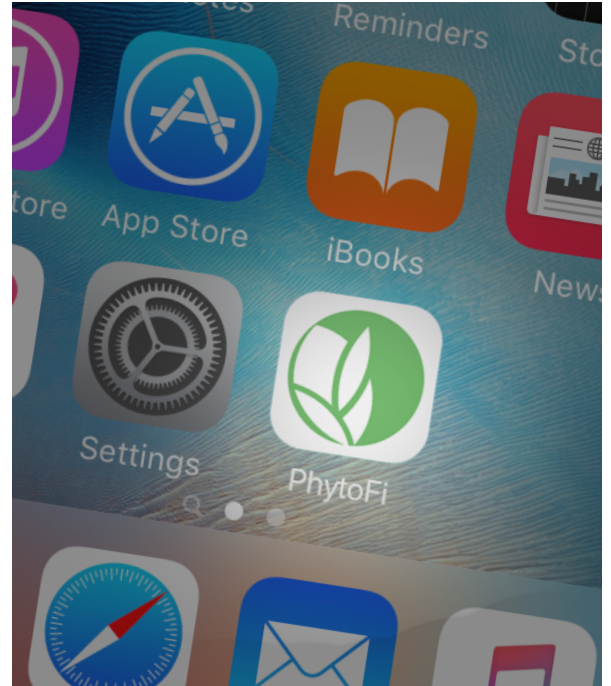


# PhytoFi



**We did already decide on a topic for this project, and will therefore not go through the 'Ideation Assignment', but will instead use this assignment, as a explanation of our own project. We hope to get some relevant feedback on this.**

## **PhytoFi is the Philips Hue of gardening**

PhytoFi is a combined IoT and app product. The product uses the same technology as Philips Hue and other IoT products with a product <-> hub <-> application interface.

The current state of the IoT gardening market, have two different takes on sensors for plants.

1. A cheap bluetooth sensor for approximately 10\$, that can only send data, when your phone is near the device
2. An expensive WiFi enabled sensor for approximately 100\$, that can do the same as the bluetooth sensor, but have the hardware enabling it of WiFi connectivity and a large battery.

PhytoFi can solve that problem, by making a powerfull hub, that connects to all of the bluetooth-enabled plant-sensors in the garden, and make them available over the internet on a central hub. Cheap and powerfull!

## **Integration of online services in the application**

The PhytoFi application, will enable smart-watering of the plants, by connecting to weather institutes around the world, to make sure, that the app doesn't tell you to water the plants, just before a heavy rain, or to make sure, that you water the plants a bit more, before a long drought.

**PhytoFi** - a project by Casper Nørsø, Rune Lind & Simon Ottosen