

EDUFARM INTRODUCTION

EduFarm is rapidly emerging as a new future growth industry and it is gaining attention as a promising future career. The necessity of understanding its core concepts is increasing as departments related to smart farms are being established one after another at Korea's universities.



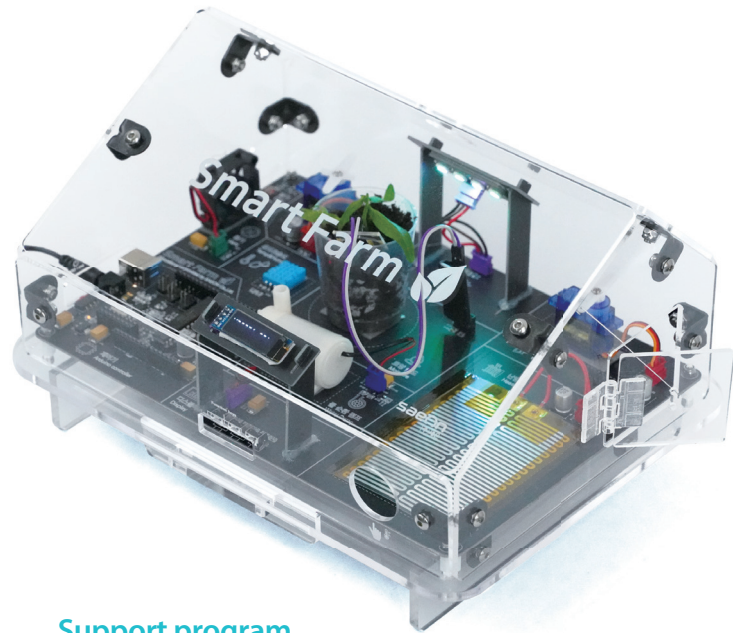
Educational Effect

The IoT Smart Farm is a training kit that helps students build a farm and automatically control the optimal growing environment based on big data.



How to Use

The app allows you to remotely manage your crops and monitor their condition.



Support program

Let's code a server and app that can manage the light, temperature, and humidity needed for plants with an Edufarm



Server
Programming



Scratch



Arduino Sketch



Android Studio



C Programming



01 You can control the sensors and driving parts of the Edufarm by coding with Scratch.

02 You can check the sensors being used and assemble them yourself.

03 We provide an Arduino-based Edufarm control program.

04 You can monitor and control the Edufarm system via PC and Android Apps.

05 It helps in algorithm development by utilizing server application technology related to the farm.

