

Abstract

Smart Hydroponic is an android application which serves to monitor the system that is working. on this application can see the moisture, temperature, ph and light intensity which is connected with the tool, the function of such tools is to planting hydroponics system the ebb automatically and through regularly checking.in this application can also measure the PH measurement to see the level of acidity/alkaline balance of the nutrient solution of hydroponics. if the scale of PH below 6.0 (acidic), above 7.0 (alkaline) then the nutrient solution of hydroponic or water must be replaced.

Keywords : Application, sensors, tool, automated hydroponic