

iPlant: Electronic Plant System

SPCL-2012 - Project Proposal

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BACKGROUND AND MOTIVATION

For years students and other individuals have failed to keep plants alive, correct watering and sunlight is difficult to provide in today's busy world. Yet we do desire to keep plants for their decoration as well as their oxygen production. A similar problem is when it is necessary to vacuum, we do not wish to waste time by doing it too often, but still want our home to be clean, today the typical solution is to make it a weekly tradition, but depending on how much you are at home and what you do, this is far from an optimal solution. Our solution solves all these issues for the busy people of today, along with a huge range of information about the temperature and other things in your home. Keep your home healthy.

IDEA

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REQUIREMENTS

- Arduino microprocessor
- Temperature Sensor
- Humidity Sensor
- Water Pump (Stepper motor)
- Dust Sensor
- Solar Panel / Sensor
- UV-Diodes

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