**The 24/7 Gardener.**

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# **Proposal:**

Climate change refers to long-term shifts in temperatures and weather patterns.

These shifts may be natural, such as through variations in the solar cycle.

But since the 1800s, human activities have been the main driver of climate change, primarily due to burning fossil fuels like coal, oil and gas.

Due to this change in temperature and weather patterns in has become increasingly harder to grow food and flowers.

The idea of this project is to grow food at home using different technologies to monitor, report, and feed the

plants in a monitored ecosystem.

I would implement multiple sensors to measure soil moisture, PH, temperature, sunlight, and display this data to a user

via an android app.

The user would then have the option to feed the plants whatever feed they deemed the plant needs.

# **List of Technologies.**

Raspberry PI

Intel Galileo

Arduino.

Database Tech

# **Sensors**

Android.

# **Project Processes.**

# **Stake Holders**