

# IoT House

**Project Start Date:** 04/20

**Team Members:** Tu Tran

## Overview:

This project is a mini Arduino-powered home automation system that integrates everything in a house model. Its functionalities include automatic control of household appliances and systems based on sensitivity, alert of dangerous situations, data tracker for users to view, and direct control of Internet-connected devices via the Internet. This project aims to investigate the inner workings of the IoT system and to test the connectivity from device/gateway to the cloud.

## Project Resources & Links:

This is a list of project resources and links. It should include links to data sheets, tutorials, Youtube, or other sites with relevant information for this project.

- Link To [<Robot Project Name>](#) Resource Page (only if Mr Burnham Gives You a link)
- <add all the links to resources and tutorials, etc>

## Next Steps:

This is a list of the next steps for this project. Next time you work on it, these are the steps you are going to work on. Each time you work on this project, you might add or re-order these tasks.

- <List steps in order next to last>
- Next
- ...
- Last

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**<New Date> <Title... Compelling Title of today's work, success, etc... Like "10/12/2018 - Got Motors Connected"**

**What Was The Plan:**

Tell a short story about what you wanted to do today...

**What I Learned:**

Briefly tell what you learned... What did you not know and now you do?

**What Worked - What Steps Did I/We Solve:**

1. Short description of what your team did today... Date driven... as you enter entries, keep the latest at the top. Also, whenever you post an update here, also update the Project Resource Page as well...
2. Other things that worked...

**Challenges, Questions, or Roadblocks:**

List all the current issues that are a challenge and preventing forward progress on this project

1. Next step..
2. Next Step...

**Details & Descriptions:**

Here you can do into a deep dive of what you did. Show images and diagrams, and more detailed descriptions on how to recreate the work. The goal is to let someone else be able to replicate your work... so more information can go here.

**Team Members:** <list the individuals who worked on this entry>

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**Historical Team Members:**

2020-2021 - AM Team - <add this years AM teams>

2020-2021 - PM Team - <add this years PM teams>

2017-2018 - AM Team - Francisco Esparza, Hazel Feldman, Eldin Hernandez, Jacob Gillaspie, Zachary Moody

2017-2018 - PM Team - Jose Arellanes Aldaco, Stuart Bettencourt, William Diaz, Adrian Holmes, Charman Keo

**Note: Make this like a blog, where the latest henry is at the top. Copy this template for new entries above.**

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4. Next Step...

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