



# Hpotter

## Sprint # 1



# Hello!

## We are working on Hpotter

An increasingly dynamic Honeypot built in Python.

Team Members: Tanner, Kenji, Emily, Judith, Josh, Jon, Evan, Megan

# HPotter Beginnings

What we did to kickstart our road to success



# Before Sprint #1 Goals:

- HPotter running on all machines
- HS-1 Implement Travis-CI
- HS-10 Create, organize, and fork HPotter from Dr. Beaty's repo
- HS-12 Create draft highlighting critical parts of our process.
- HS-8 Presenter Generates .choices file for easy presentation



# 1 Commit

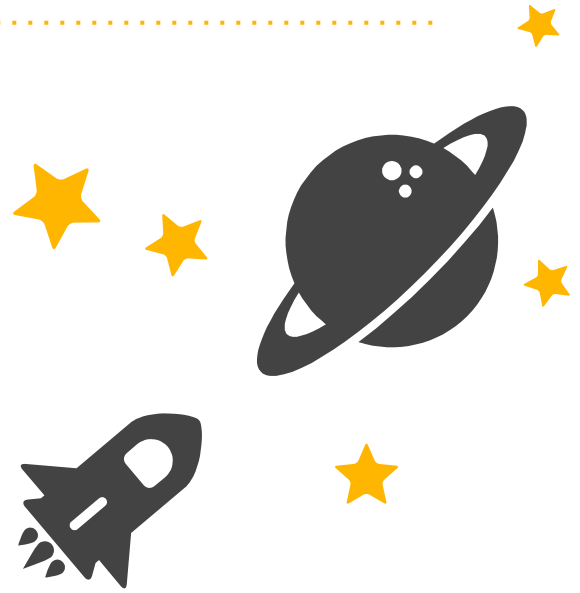
.travis.yml to get Travis CI and [codecov.io](https://codecov.io) implemented

# 1 Pull Request

.choice files for presentations

# 4 Tickets

Huge success! — Just kidding we are only two weeks in!



# Get HPotter Running



# HPotter-Demo



# Other major **goals** we finished

## Set Up Communication

Discord, Slack

## Project Management

Set up various user stories on JIRA and are continuously assigning them as tasks get accomplished.

## Set up Travis-CI

## Process Outline

Created a group organization on Git that cloned original dev repository from which we all forked off of individually.

## .choices file

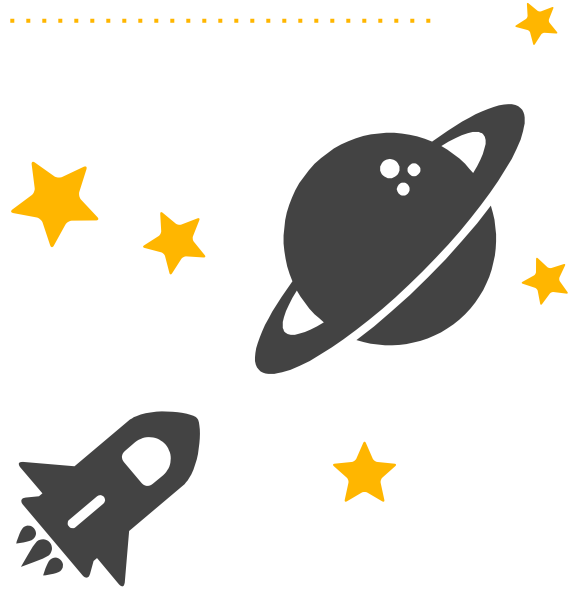
A file that allows presenter to easily execute commands and ease flow of presentation

## Codecoverage.io



# Implement Travis-CI

<https://travis-ci.org/HPotter-Spring-2020/HPotter>

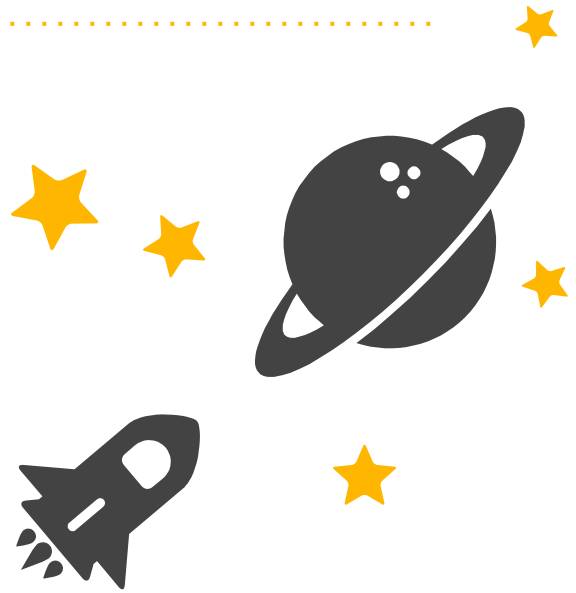




# HPotter Travis CI Demo

# Sprint #1 Goals

For next time..





# Major Goals

**Get Telnet Working Again**

**Implement Dynamic Firewall**

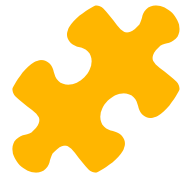
Research required.

**JSON Server**

Connect JSON server and change path env variables

**Config.yml**

Create a config.yml file



# Where we improved

## **Understanding**

We had lots of meetings with the Project Owner (Dr.Beaty) to understand the basic architecture and implementation of HPotter.

## **Overall Gameplan**

Developed a plan to reach the end goal, not only in the long term but short term with the aid of SCRUM and Jira.

## **Communication**

The exchange of information between team members has been excellent. Everyone is aware of expectations and responsibilities.



# Where we still need to **improve**

## **Tracking Time**

Using the teams decided tool to track time.

## **Focusing Singular Issue**

Team members struggled to focus on one issue at a time. Breaking down user stories into smaller tasks.

## **Gauging User Story Time**

Making sure to give the appropriate amount of times and points for Jira User stories.



# Senior Experience- 5 Objectives

1. Synthesize learning through critical analysis and logical thinking.
  2. Apply theoretical constructs to practical applications.
  3. Critique philosophical tenets and current practices.
  4. Integrate and refine oral and/or written communication skills.
  5. Verify their expertise
1. As a team we have used critical analysis and logical thinking to established small and reachable tasks for current and future sprints.
  2. The team has used technical knowledge to solve problems that have arisen.
  3. The team is still working to get a better understanding of the project and its social implications
  4. Team members have done well at communicating questions, issues, thoughts, and concerns.
  5. Don't worry Dr. Beaty... we are being challenged...



# Team Member Hours

- Emily - 4 hours
- Evan - 5 hours
- Jon - 21.8 hours
- Josh - 5 hours
- Judith - 5.16 hours
- Kenji - 7.2 hours
- Megan - 9 hours
- Tanner - 8.9 hours

(Most of these hours do not include product explanation meetings with Dr. Beaty)



# Thanks!



## Questions?