

# Container Code Classification

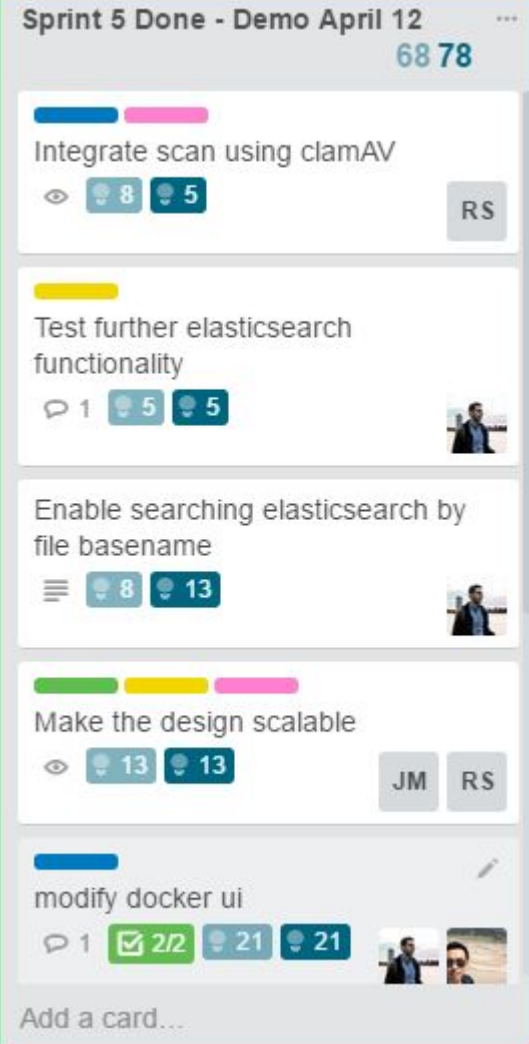
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# Sprint 5

- Started with Docker UI project ✓
- Look more into Project Scalability ✓
  - Containerization of code and components
  - Multi-threading
- Add clamAV scan support ✓
- Global database of safe/unsafe files ✓



# Summary of timeline

## Sprint 1

- Analysis & Design
- Registry
- Sdhash

## Sprint 2

- Elasticsearch
- Endpoints
- Docker crawl

## Sprint 3

- Usecase 1
- sdHash

## Sprint 4

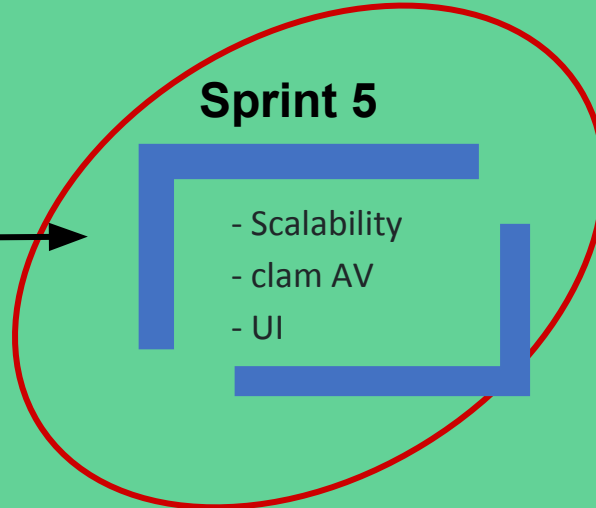
- Usecase 2
- Action plan

## Sprint 5

- Scalability
- clam AV
- UI

## Sprint 6

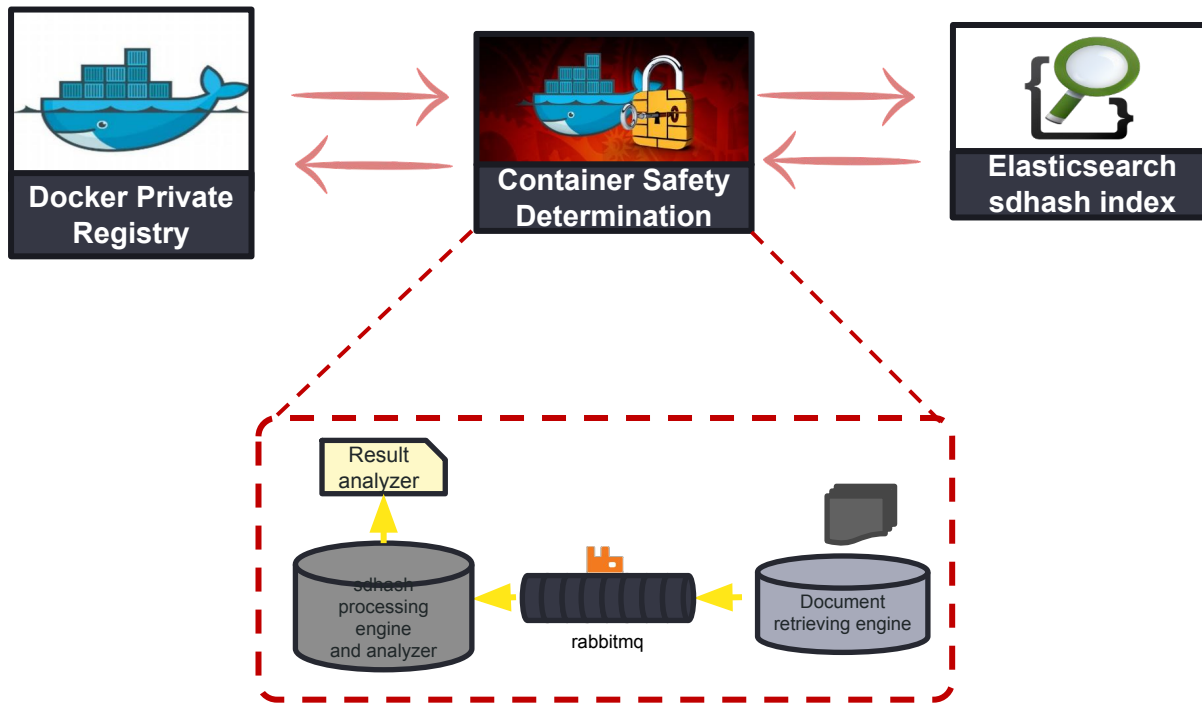
Documentation  
&  
wrap-up



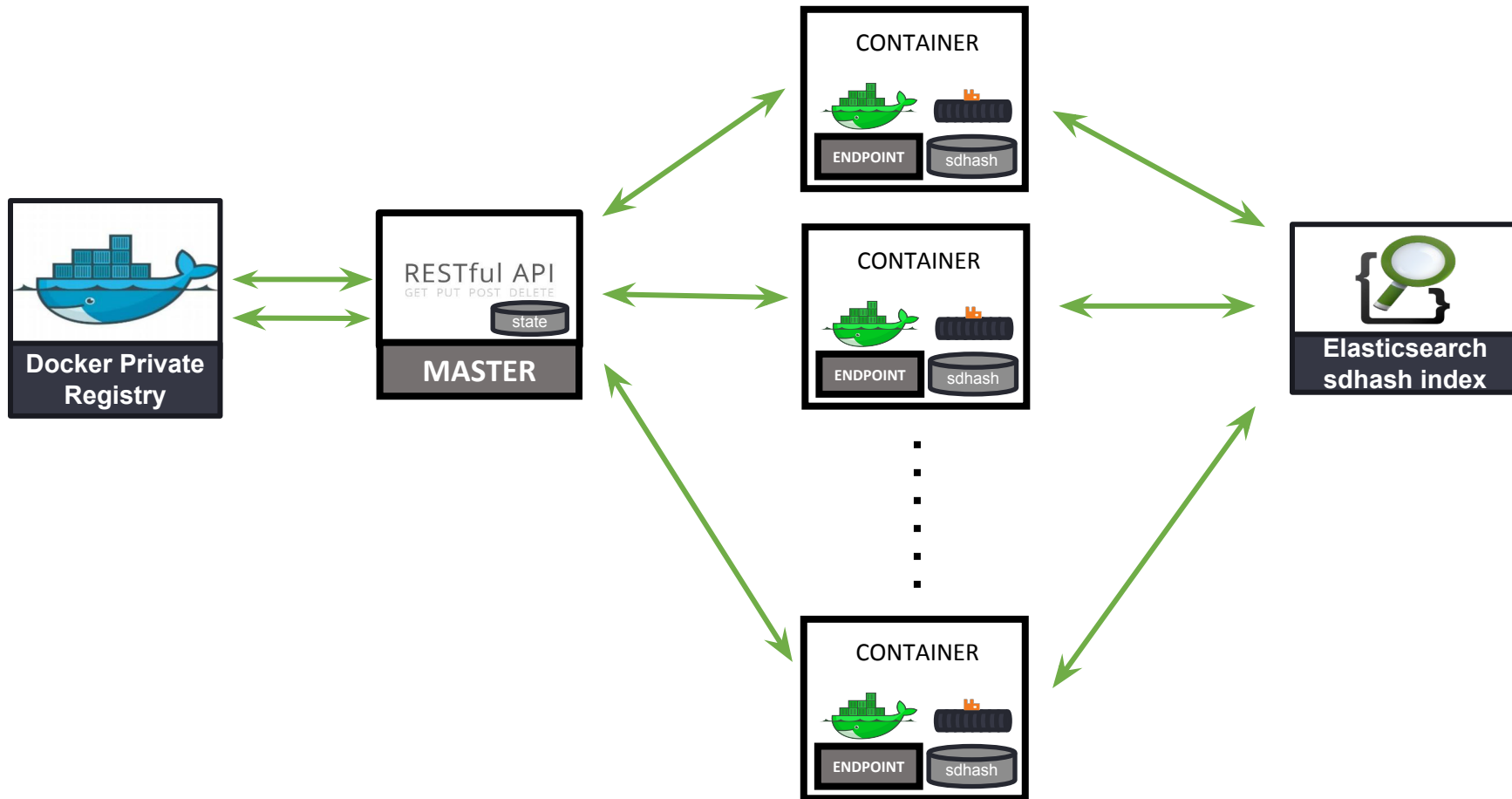
# Next, final sprint

- Documentation of overall project
- Finish up with scalability
- Docker UI changes
- Test services in containers with kubernetes

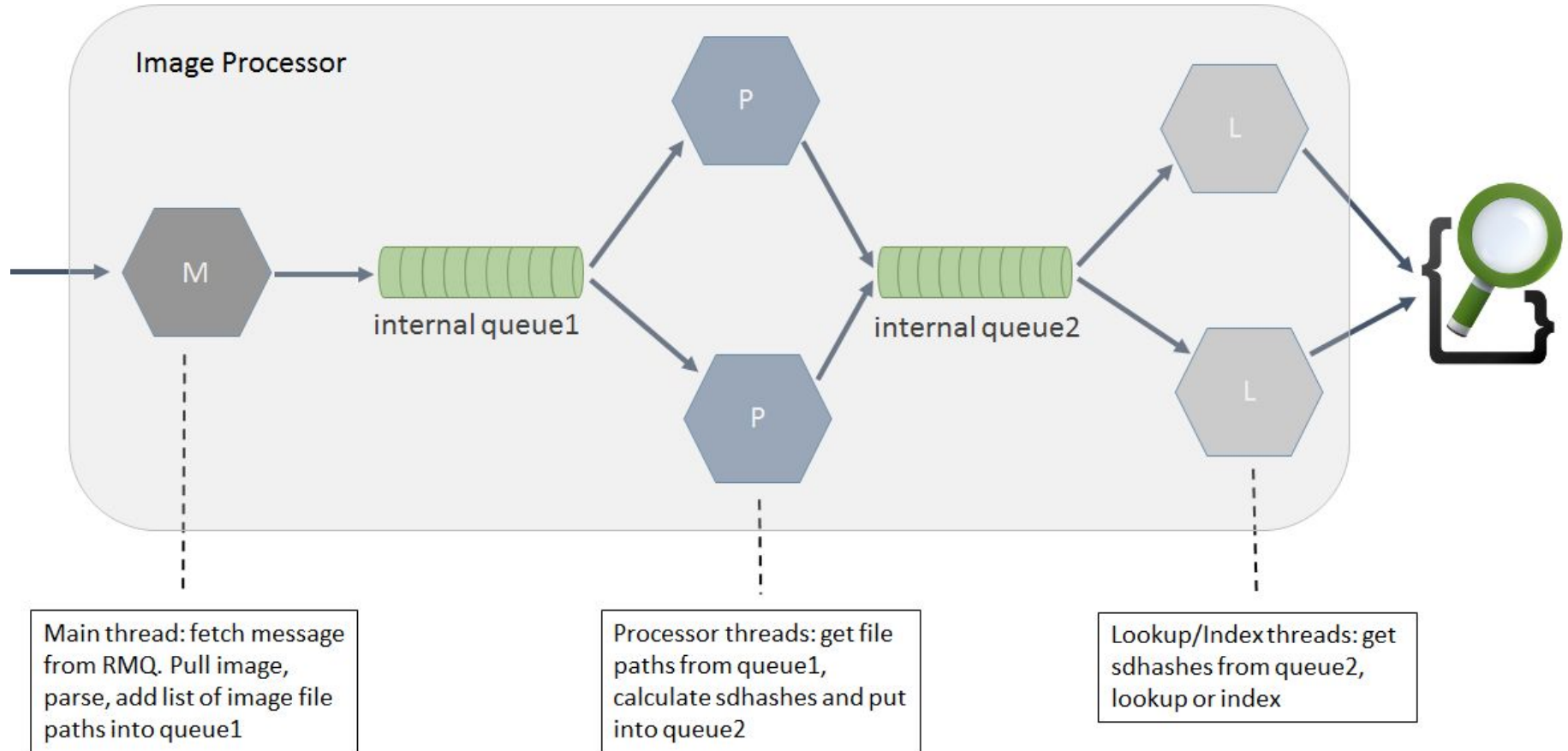
# Initial Design



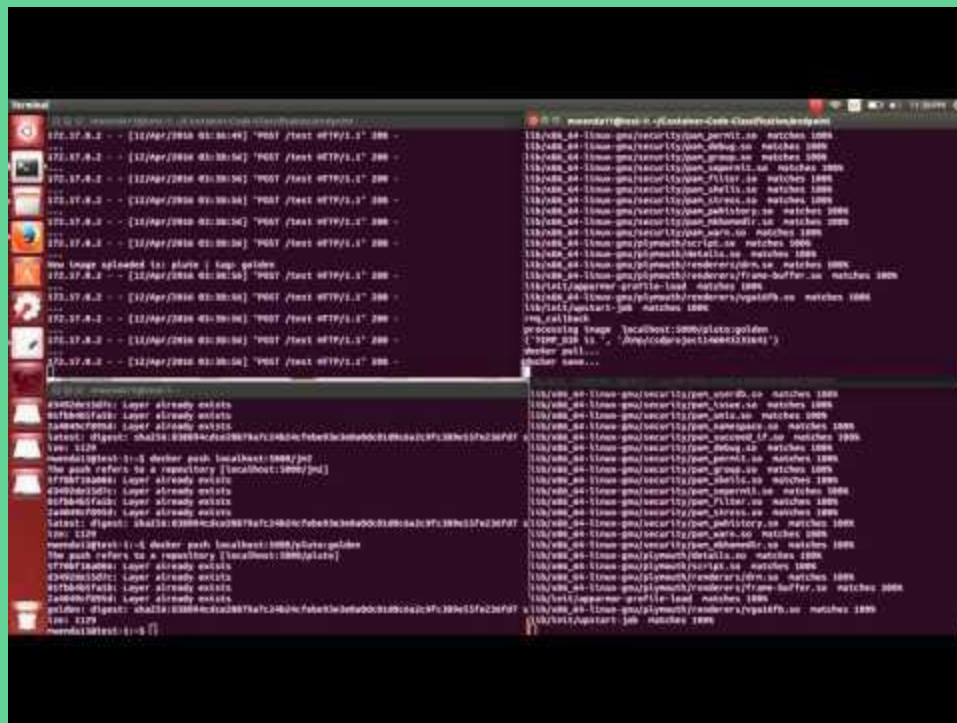
# Making design scalable using containers



# Using multithreading



# DEMO



Link: [https://youtu.be/SAI\\_gNNvgO4](https://youtu.be/SAI_gNNvgO4)



# Docker UI

## DockerUI

- Opensource project
- Provides UI for various docker operations
- AngularJS

## Our extra goals

Integrate our project with it

- Image scan during launch
- Container scan

Image:  
sha256:9d263205c0d9c8cac

Start Container with Scan

Container: /desperate\_perlman

Rename

Stop

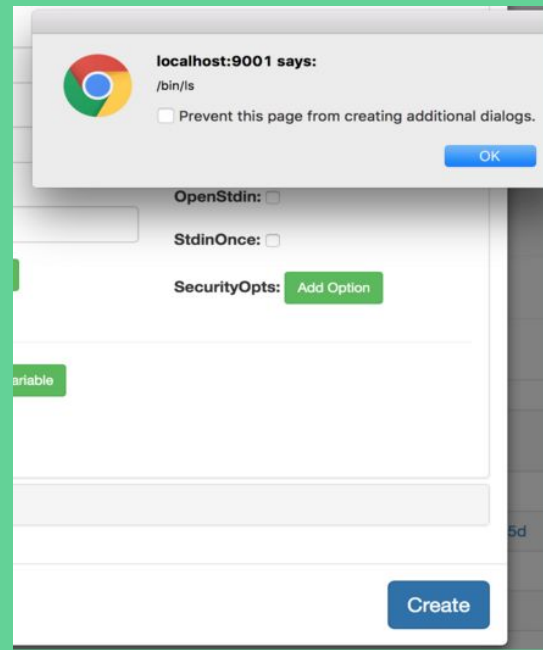
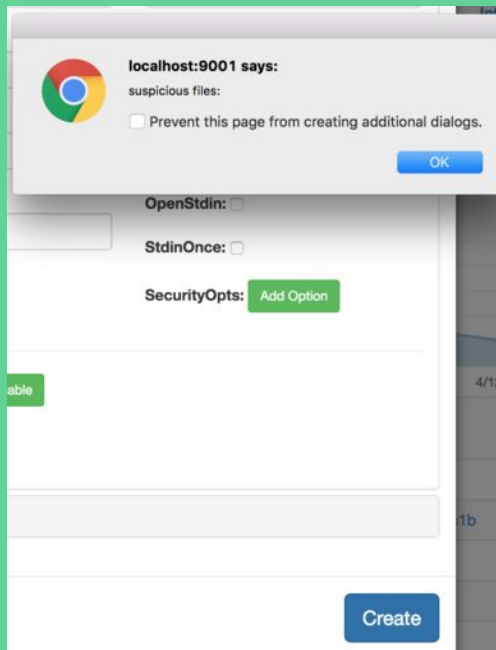
Kill

Pause

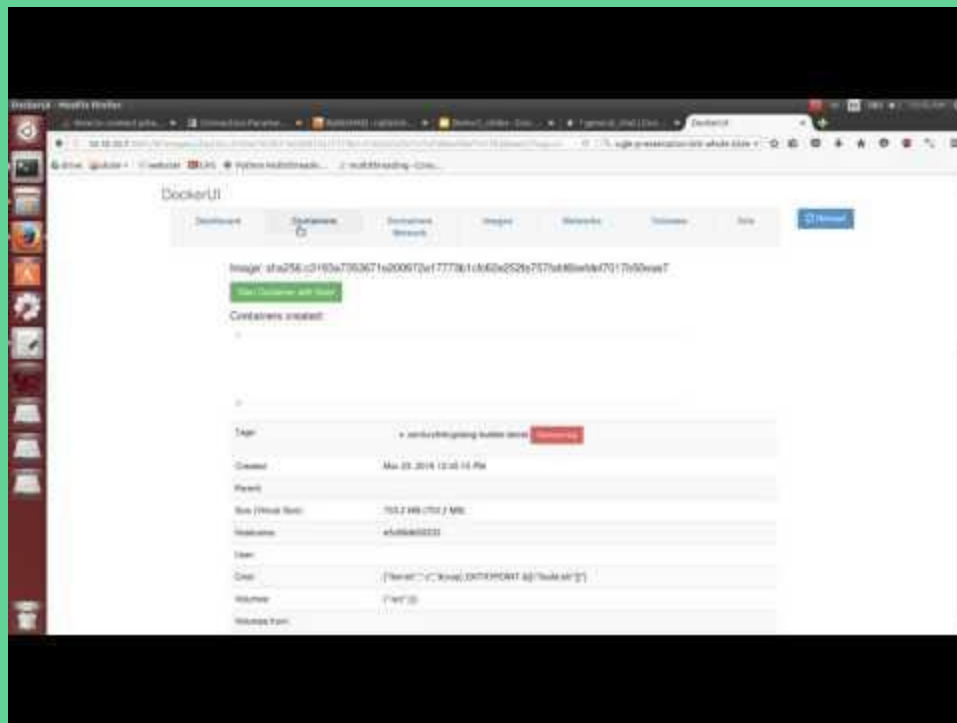
Scan

Restart

Commit

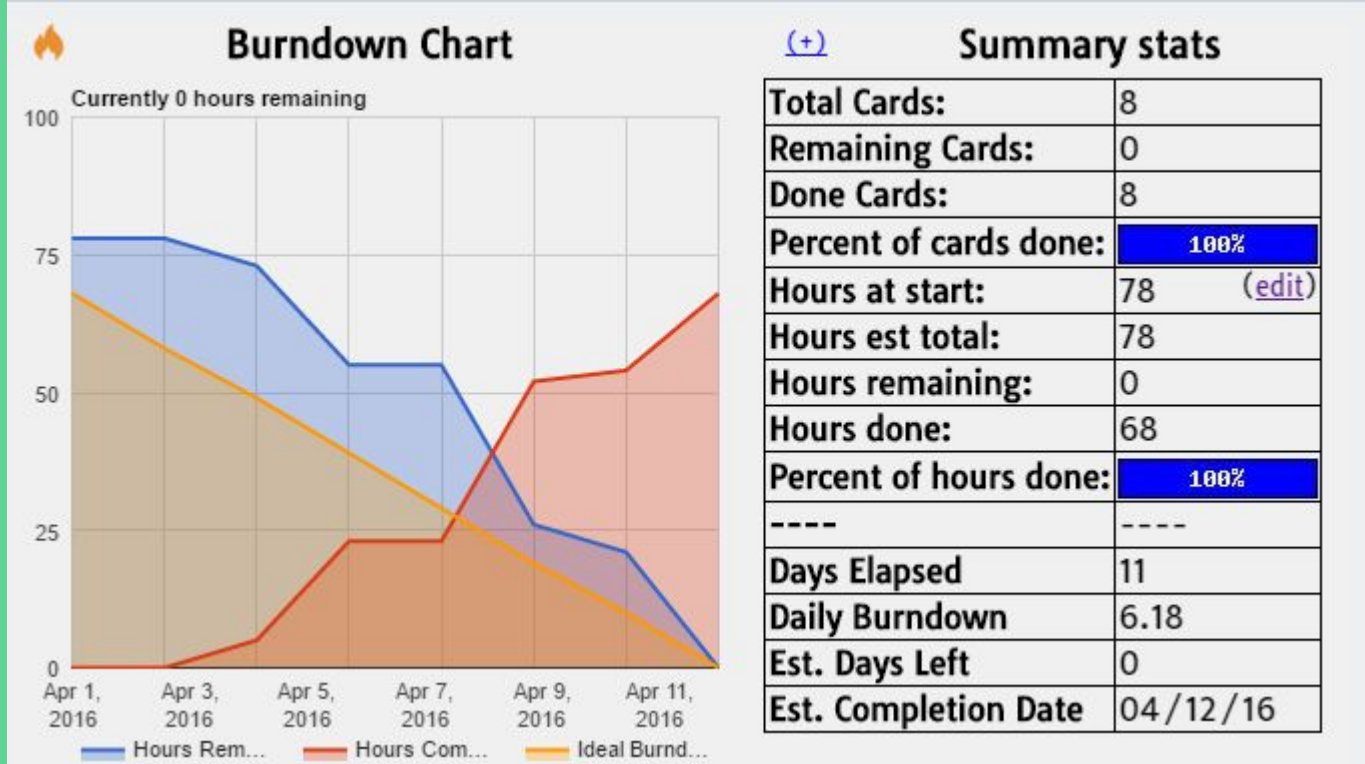


# UI



Link: <https://youtu.be/oVHPWGkhsVg>

# Burndown chart



Thank you  
&  
Q/A