

## Milestone 2

Project Management Tool: We are using Asana for project management

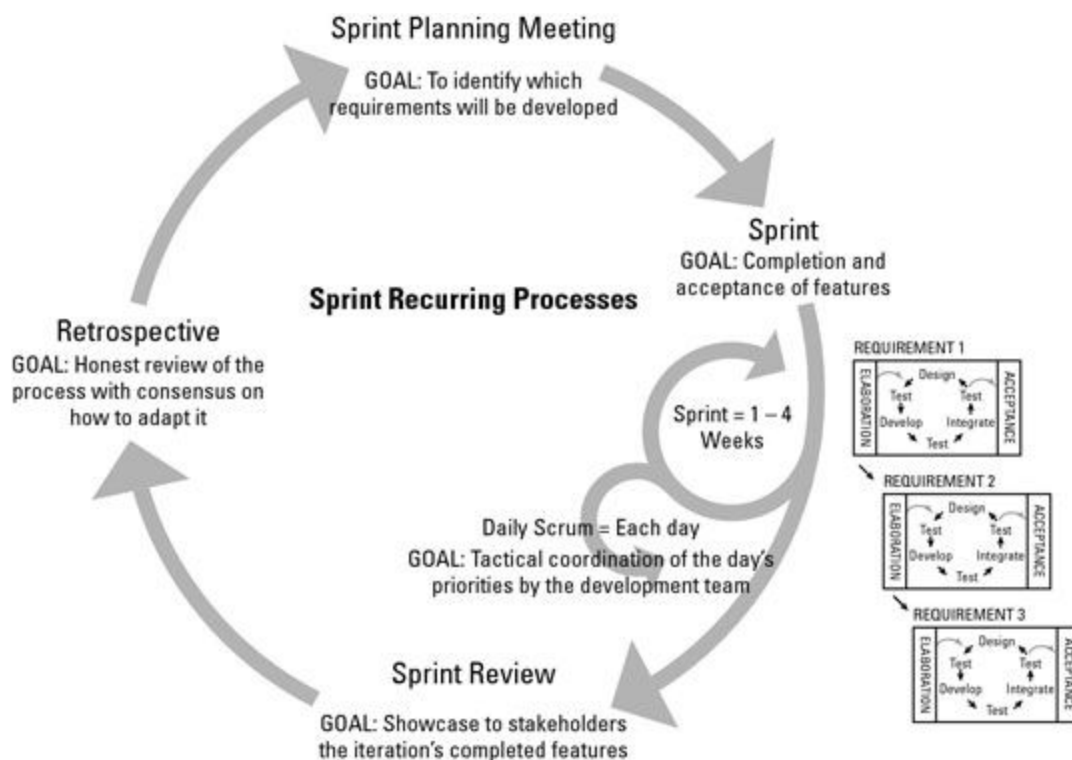
Description: Asana helps us coordinate all of the work our team does together. So everyone knows what needs to get done, who's responsible for doing it, and when it's due. Source: <https://asana.com>

Requirements: Create a tool that checks if a client or customer resides in a hubzone.

Features

1. Simple, clean and intuitive front end interface
2. Efficient and organized data storage and presentation to the customer
3. Fast and Reliable site with little maintenance or downtime via simple straight forward modular coding techniques

Project Plan: One sprint to complete the project requirements.



### **3-week Agile Sprint for project completion**

*Sprint goal:* working MVP that can take in html user input and query our postgresSQL database and return result of query to user

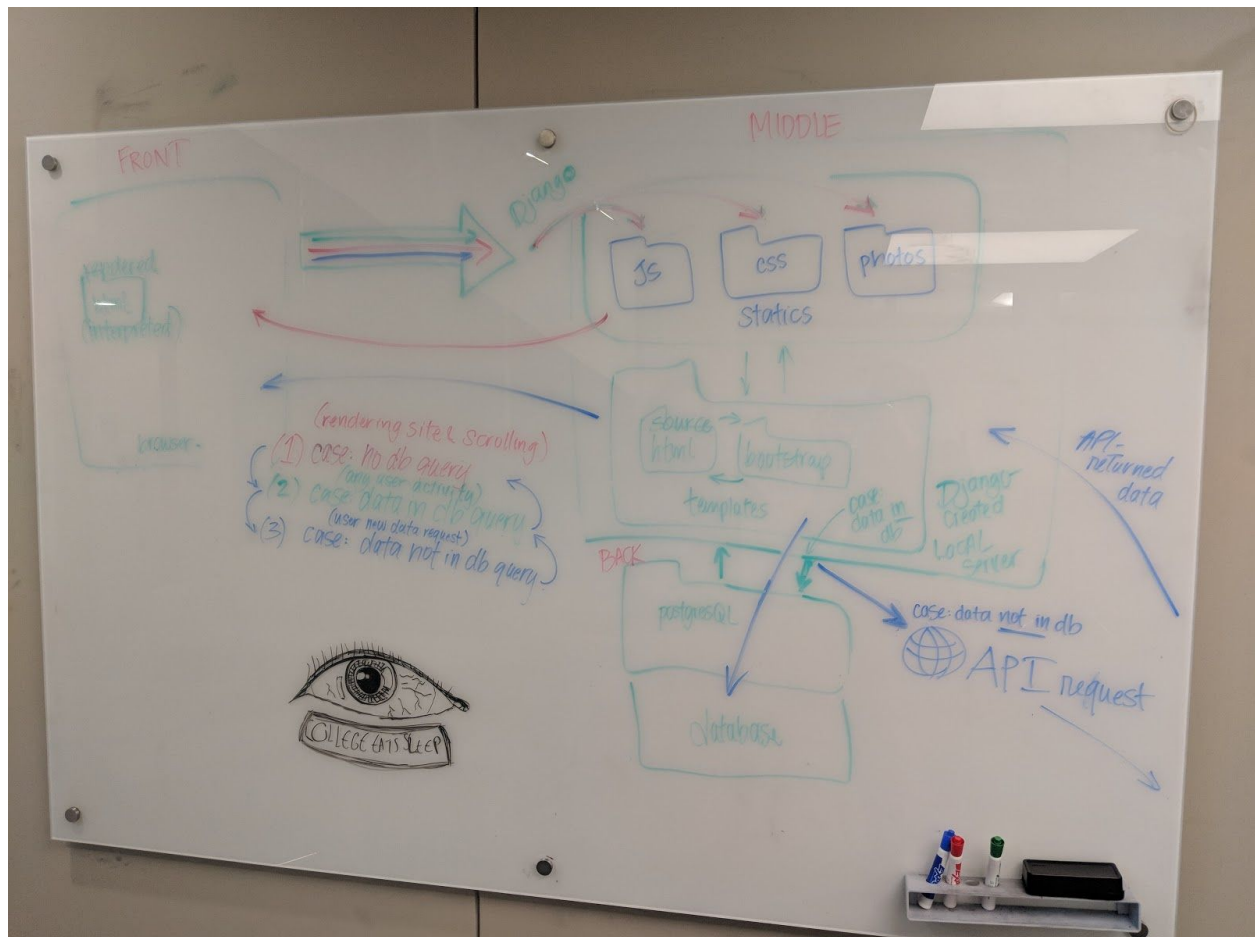
- Requirement 1: PostgreSQL backend database created
  - Person responsible: Brandon deadline: complete
- Requirement 2: PostgreSQL-Django-Python integration

## The 4orce

- Person responsible: Brandon                      deadline: complete
- Requirement 3: [Beautiful] html/ccs style sheets complete
  - Person responsible: Brandon                      deadline: complete
- Requirement 4: python/Django-html/css integration complete
  - Person responsible: Brandon                      deadline: complete
- Requirement 5: API request for HUBZone database
  - Person responsible: Ryan                      deadline: Wed 10/17 meeting
- Requirement 6: Beautify and customize existing html/css stylesheet esp. anchored with scroll login bar; (nice to have: static with scroll background image)
  - Person responsible: Andrew                      deadline: Wed 10/17 meeting
- Requirement 7: Create html request with simple django response
  - Person responsible: Ben                      deadline: Wed 10/24
- Requirement 8: Create html request that polls and updates DB and returns a response
  - Person responsible: Julie                      deadline: Wed 10/24
- Requirement 9: Verify and test full-stack integration from html to postgresSQL and back (bug testing) (slack for potential problems with the above) plus polish existing code and organize existing code to one coherent product.
  - Person responsible: Team                      deadline: Wed 10/31

## The 4orce

Diagram of Project Plan: Color = different cases/stages of development for ideal product (not just required)



### Agile Methodology:

- What have you completed last meeting?
  - Ben: I completed django install and setup
  - Ryan: I researched API calls for Hubzone and some of Django install
  - Andrew: I researched farthing into HTML and CSS
  - Brandon: I connect Postgresql to Django and HTML and CSS with the new admin back end. I also uploaded my work to github so everyone could get caught up
  - Julie: almost got MySQL working properly with Anaconda (with much research and support), realized this was not necessary. Installed Django, MySQL-python-connector, etc. for integration. Researched postgresSQL with Anaconda, researched alternatives to Anaconda
- What will you complete for next meeting/obstacles you are facing?
  - Ben: html text box that somehow talks to Django and Ideally is stored database. I am struggling to fix O-Auth error.

## The 4orce

- Ryan: Make API requests for HUBZone to see if an address is in a hubzone
- Andrew: Meet with Brandon and complete scrolling login bar. I struggled to find time to show more material last meeting. Read into Bootstrap with django
- Brandon: ^ and connect Html-Django-Python-SQL request and try to implement first half
- Julie: Get Django image from github working and have Django talking to all layers; try to replicate Django O-Auth error