HW#2 - guspy

Completed Goals for this week:

- split group into subteams

- create development plan complete with milestones (Gantt chart)

- establish consistent development environment for each team member

- develop plan for testing

Gantt Chart

Subteams

Groups/Users/Roles/Permissions

- Joran
- Chandler
- Nathan
- Lee
- John

Widgets

- Mike
- Max
- Jacob
- Sasha
- Stephen

Test Plans

Plan for testing consists of creating tests using Django's built-in test classes. After the classes are largely finished (as shown in the Gantt Chart), we will begin testing of those classes. Each test will be documented using restructed text in the docstring.

- example test :

```
from django.utils import unittest
from myapp.models import Animal

class AnimalTestCase(unittest.TestCase):
    def setUp(self):
        self.lion = Animal.objects.create(name="lion", sound="roar")
        self.cat = Animal.objects.create(name="cat", sound="meow")
```

```
def testSpeaking(self):
    self.assertEqual(self.lion.speak(), 'The lion says "roar"')
    self.assertEqual(self.cat.speak(), 'The cat says "meow"')
```

- the tests can be run from the command line as such
  - run every test in the project
    `./manage.py test`
  - run every test in the specific application
    `./manage.py test animals`
  - run an individual test case
    `./manage.py test animals.AnimalTestCase`