**Unit testing Tools**

**Testing in Django**

The preferred way to write tests in Django is using the **unittest** module built-in to the Python standard library. This is covered in detail in the Writing and running tests document.

For using unittest,

- import virtualenvwrapper from pip

We run in atom which is our text editor then we use command shell of atom.

- python manage.py test

If we want to specify the test module name then

- python manage.py test Users

where users is a module of our project.

class HomePageTests(SimpleTestCase):

def test\_home\_page\_status\_code(self):

response = self.client.get('/')

self.assertEqual(response.status\_code, 200)

def test\_view\_url\_by\_name(self):

response = self.client.get(reverse('home'))

self.assertEqual(response.status\_code, 200)

def test\_view\_uses\_correct\_template(self):

response = self.client.get(reverse('home'))

self.assertEqual(response.status\_code, 200)

self.assertTemplateUsed(response, 'home.html')