## 1. Required Software Installations

To finish the project in this book. You need to install:

1. Python.

Python 3 is better.

1. The Firefox web browser

The Git version control system

1. On Windows, this comes with the Bash command line, which is needed for the book.
2. The virtualenv with Python 3, Django 1.11, and Selenium 3 in it
3. Geckodriver
4. This is the driver that will let us remotely control Firefox via Selenium.

## 2. Setting Up Your Virtualenv

# on Windows  
pip install virtualenvwrapper  
# on macOS / Linux  
pip install --user virtualenvwrapper  
# then make Bash load virtualenvwrapper automatically  
echo "source virtualenvwrapper.sh" >> ~/.bashrc  
source ~/.bashrc  
Notes:

* On Windows, virtualenvwrapper will only work inside the “Git-Bash” shell, not from the normal command line.
* virtualenvwrapper keeps all your virtualenvs in one place, and provides convenient tools for activating and deactivating them.

Let’s create a virtualenv called “superlists”3 that has Python 3 installed:

# on macOS/Linux:

mkvirtualenv --python=python3.6 superlists

# on Windows

mkvirtualenv --python=`py -3.6 -c"import sys; print(sys.executable)"` superlists