Ontime System's Manual

Minimum software and hardware requirements- A windows, mac, or android machine that runs at 32 bits minimum, windows 8 or higher. This is a very light application that does not take a lot of power to use.

Installation guide- First you need to go to your command line and do the command "pip install django". If your requirements are satisfied like mine, you are good to go otherwise it will get installed. If there is an error that occurs, make sure the syntax is correct. If you're still having trouble, try this command "pip install Django --user". Depending on your machine, you might get an error because

```
Command Prompt                                                                    —    □    ×
04/22/2019  11:22 AM            341,824 Django-Sandbox.pdf
04/23/2019  12:50 PM    <DIR>          Ontime
04/22/2019  09:30 PM                 89 ontime.css
04/22/2019  09:30 PM                 78 ontime.html
04/17/2019  03:27 PM                 27 on_time.sql
05/20/2019  01:22 PM             67,095 Senior Project Show Ticket.pdf
04/17/2019  03:08 PM    <DIR>          Week 1
04/17/2019  03:08 PM    <DIR>          Week 2
04/17/2019  08:53 PM    <DIR>          Week 3
05/29/2019  03:09 PM    <DIR>          Week 4
05/04/2019  03:38 PM    <DIR>          Week 5
05/31/2019  12:13 PM    <DIR>          Week 6
05/31/2019  12:13 PM    <DIR>          Week 7
05/31/2019  12:13 PM    <DIR>          Week 8
05/31/2019  12:13 PM    <DIR>          Week 9
               6 File(s)        578,287 bytes
              13 Dir(s)  330,348,445,696 bytes free

C:\Users\Sylvia\Desktop\CI 103>cd CI103-64-41

C:\Users\Sylvia\Desktop\CI 103\CI103-64-41>dir
 Volume in drive C has no label.
 Volume Serial Number is AC26-DA1F

 Directory of C:\Users\Sylvia\Desktop\CI 103\CI103-64-41

05/29/2019  03:25 PM    <DIR>          .
05/29/2019  03:25 PM    <DIR>          ..
05/22/2019  03:40 PM                 32 .gitignore
06/03/2019  11:26 AM    <DIR>          Documentation
05/12/2019  09:22 PM             35,823 LICENSE.txt
05/29/2019  03:28 PM    <DIR>          ontime
05/29/2019  04:00 PM    <DIR>          Presentation Images
05/01/2019  03:28 PM                  0 README.md
05/08/2019  03:08 PM    <DIR>          Whiteboard Backup
               3 File(s)         35,855 bytes
               6 Dir(s)  330,349,649,920 bytes free

C:\Users\Sylvia\Desktop\CI 103\CI103-64-41>pip install django
Requirement already satisfied: django in c:\users\sylvia\appdata\roaming\python\python37\site-packages (2.2)
Requirement already satisfied: sqlparse in c:\users\sylvia\appdata\roaming\python\python37\site-packages (from django) (0.3.0)
Requirement already satisfied: pytz in c:\users\sylvia\appdata\roaming\python\python37\site-packages (from django) (2019.1)

C:\Users\Sylvia\Desktop\CI 103\CI103-64-41>
```
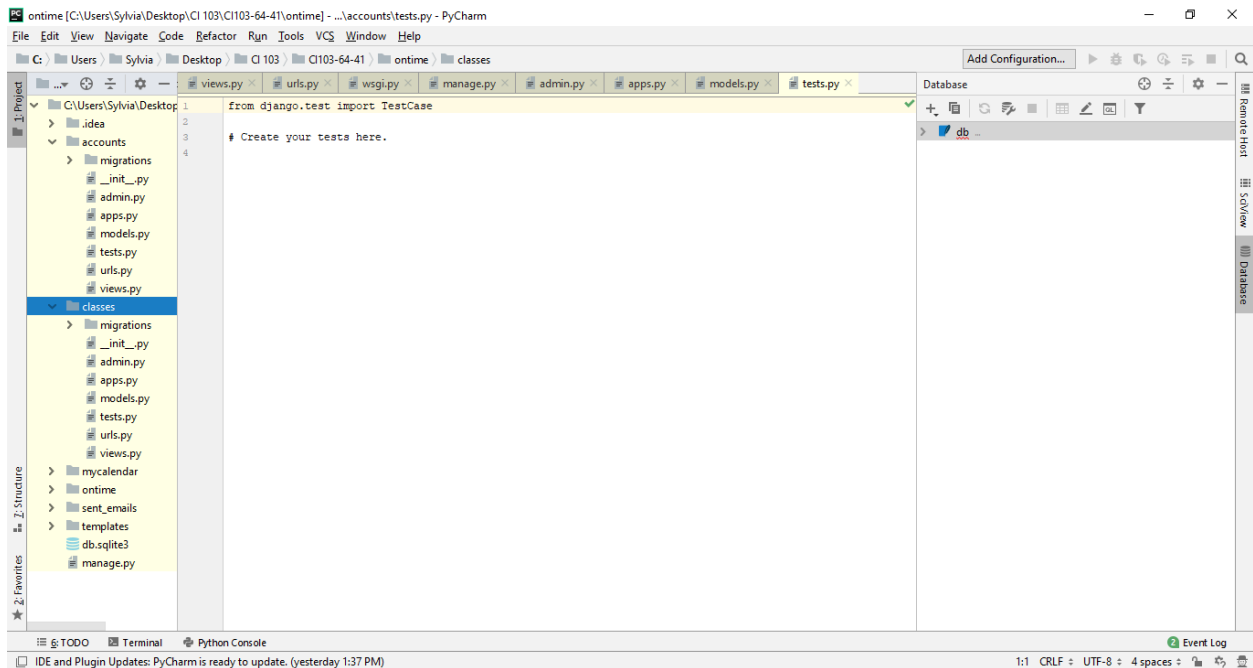
Then open pycharms, thonny, or whatever application you use to write your python code and there you can see there are many classes and libraries integrated with python that you can use in your Django sandbox.

Explanations of error message and troubleshooting guide- An error message can occur when you type the wrong syntax, or your machine does not know how to interpret something. Syntaxes can be very persistent. It is very hard for a machine to understand and interpret what we as humans find easy to learn. Depending on the error, the application should find the line of code where the error occurred and try and find ways to trouble shoot it. There are many online tutorials you can use to find ways to troubleshoot errors.

Here is a very good link to help with installing Django and teaches you everything you need to know- https://djangocentral.com/how-to-install-django/

In case there are any issues please contact any of our developers. Below are the emails and phone numbers.

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