

Minimum Requirements :

- 1) Must have python version 3.4 or above installed
- 2) Must have Django version 1.8.3 installed
- 3) Must have SQLite version 3.0 installed

Instructions to run the application :

- 1) Unzip the .rar file in the folder where you wish to save the file
 - 2) Open command prompt
 - Go to start at the bottom left of the screen
 - type cmd in the search section and hit enter
 - 3) On the window that opens up type cd followed by a space and the path of the directory where you have stored the app
 - 4) Type cd SAM2017 and hit enter
 - 5) Type python manage.py makemigrations
 - 6) Type python manage.py migrate
 - 7) Type python manage.py syncdb
 - 8) Type python manage.py runserver
 - 9) Now open the browser type in <http://127.0.0.1:8000/>
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The application is build so that authors can submit their papers for a conference.

The application has 3 types of users and hence provides 3 levels of privileges.

1. Author: The one that can submit a paper
2. PCM : The one that can review other authors papers
3. PCC : The one that can assign papers to PCM.

Based on the type of user the roles change. The admin of the system has the right to assign the roles.

To run the application start it as explained in the steps above.
Then register as a user.

Once the user is registered his name along with his type would be shown in the right corner of the screen.

You can see that for the user who is an author, there are two tabs that he can see on the left top of the screen

1. Paper submission
2. Paper list.

Now on a new tab go to <http://127.0.0.1:8000/admin> from the browser.

Username: admin

password : admin

On the site management page go to Users.

There select the user whose privileges you want to change.

In the user type change the user from Author to PCC or PCM.

If the Author is made PCM then in the main app, the user can now only see the option of Paper List

If the Author is made PCC then in the main app, the user does not have the privileges to upload any paper. He can just view the papers already uploaded by the authors and assign them to other PCMs.

In order to run the tests

1. Open the directory where the application is located.
2. cd to SAM2017
3. Type python manage.py test

This should run the tests in your command window. Please see that you will have **one test case** for user authentication **failing** as this was part of the requirement.

The test file can be found in the zip file for the grader to grade.(name of the file would be 'test.py')

Below is the output of the running tests

```
SAM2017 — -bash — 80x24
[Adityas-MacBook-Pro:Session management Activity Adi$ cd SAM2017
[Adityas-MacBook-Pro:SAM2017 Adi$ ls
db.sqlite3          sam2017          submitted_papers
manage.py           sam2017_app      templates
requirements        static
[Adityas-MacBook-Pro:SAM2017 Adi$ python3 manage.py test
Creating test database for alias 'default'...
....F.
=====
FAIL: test_invalid_login (sam2017_app.views.tests.TestUserAuthentication)
-----
Traceback (most recent call last):
  File "/Users/Adi/Google Drive/Grad Courses/Fall 2015/SW Architecture/Session m
anagement Activity/SAM2017/sam2017_app/views/tests.py", line 29, in test_invalid
_login
    self.assertEqual(response.status_code, 302)
AssertionError: 200 != 302
-----
Ran 6 tests in 0.065s

FAILED (failures=1)
Destroying test database for alias 'default'...
Adityas-MacBook-Pro:SAM2017 Adi$
```