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USN : 01FM16MCA043

Assignment No : 2

Assignment Name : Django Polls application

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Microsoft Windows [Version 10.0.17134.407]

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C:\Users\KRISHNA>python

Python 3.6.0 |Continuum Analytics, Inc.| (default, Dec 23 2016, 11:57:41) [MSC v.1900 64 bit (AMD64)] on win32

Type "help", "copyright", "credits" or "license" for more information.

>>> quit()

C:\Users\KRISHNA>python --version

Python 3.6.0 :: Continuum Analytics, Inc.

C:\Users\KRISHNA>pip install virtualenvwrapper-win

Collecting virtualenvwrapper-win

Downloading https://files.pythonhosted.org/packages/f5/23/4cba98733b9122219ce67177d745e4984b524b867cf3728eaa807ea21919/virtualenvwrapper-win-1.2.5.tar.gz

Collecting virtualenv (from virtualenvwrapper-win)

Downloading https://files.pythonhosted.org/packages/7c/17/9b7b6cddfd255388b58c61e25b091047f6814183e1d63741c8df8dcd65a2/virtualenv-16.1.0-py2.py3-none-any.whl (1.9MB)

100% |████████████████████████████████| 1.9MB 209kB/s

Building wheels for collected packages: virtualenvwrapper-win

Running setup.py bdist\_wheel for virtualenvwrapper-win ... done

Stored in directory: C:\Users\KRISHNA\AppData\Local\pip\Cache\wheels\47\d1\ae\85075521c1fbe2edb6784af24ccc79af10bbb205cc711a689c

Successfully built virtualenvwrapper-win

Installing collected packages: virtualenv, virtualenvwrapper-win

Successfully installed virtualenv-16.1.0 virtualenvwrapper-win-1.2.5

You are using pip version 9.0.1, however version 18.1 is available.

You should consider upgrading via the 'python -m pip install --upgrade pip' command.

C:\Users\KRISHNA>mkvirtualenv myproject

C:\Users\KRISHNA\Envs is not a directory, creating

Using base prefix 'c:\\programdata\\miniconda3'

New python executable in C:\Users\KRISHNA\Envs\myproject\Scripts\python.exe

Installing setuptools, pip, wheel...

done.

(myproject) C:\Users\KRISHNA>

(myproject) C:\Users\KRISHNA>python -m pip install --upgrade pip

Requirement already up-to-date: pip in c:\users\krishna\envs\myproject\lib\site-packages (18.1)

(myproject) C:\Users\KRISHNA>workon myproject

(myproject) C:\Users\KRISHNA>pip install django

Collecting django

Downloading https://files.pythonhosted.org/packages/fd/9a/0c028ea0fe4f5803dda1a7afabeed958d0c8b79b0fe762ffbf728db3b90d/Django-2.1.4-py3-none-any.whl (7.3MB)

100% |████████████████████████████████| 7.3MB 517kB/s

Collecting pytz (from django)

Retrying (Retry(total=4, connect=None, read=None, redirect=None, status=None)) after connection broken by 'NewConnectionError('<pip.\_vendor.urllib3.connection.VerifiedHTTPSConnection object at 0x0000012D1EFEAA20>: Failed to establish a new connection: [WinError 10051] A socket operation was attempted to an unreachable network',)': /simple/pytz/

Retrying (Retry(total=3, connect=None, read=None, redirect=None, status=None)) after connection broken by 'NewConnectionError('<pip.\_vendor.urllib3.connection.VerifiedHTTPSConnection object at 0x0000012D1EFEA630>: Failed to establish a new connection: [Errno 11001] getaddrinfo failed',)': /simple/pytz/

Retrying (Retry(total=2, connect=None, read=None, redirect=None, status=None)) after connection broken by 'ProtocolError('Connection aborted.', ConnectionResetError(10054, 'An existing connection was forcibly closed by the remote host', None, 10054, None))': /simple/pytz/

Retrying (Retry(total=1, connect=None, read=None, redirect=None, status=None)) after connection broken by 'NewConnectionError('<pip.\_vendor.urllib3.connection.VerifiedHTTPSConnection object at 0x0000012D1EFEA978>: Failed to establish a new connection: [Errno 11001] getaddrinfo failed',)': /simple/pytz/

Downloading https://files.pythonhosted.org/packages/f8/0e/2365ddc010afb3d79147f1dd544e5ee24bf4ece58ab99b16fbb465ce6dc0/pytz-2018.7-py2.py3-none-any.whl (506kB)

100% |████████████████████████████████| 512kB 432kB/s

Installing collected packages: pytz, django

Successfully installed django-2.1.4 pytz-2018.7

(myproject) C:\Users\KRISHNA>python -m django --version

2.1.4

(myproject) C:\Users\KRISHNA>cd mysite

(myproject) C:\Users\KRISHNA\mysite>python manage.py runserver

Performing system checks...

System check identified no issues (0 silenced).

December 12, 2018 - 16:58:13

Django version 2.1.4, using settings 'mysite.settings'

Starting development server at http://127.0.0.1:8000/

Quit the server with CTRL-BREAK.

Not Found: /

[12/Dec/2018 16:58:28] "GET / HTTP/1.1" 404 2027

Not Found: /favicon.ico

[12/Dec/2018 16:58:28] "GET /favicon.ico HTTP/1.1" 404 2078

[12/Dec/2018 16:58:33] "GET /polls/ HTTP/1.1" 200 40

[12/Dec/2018 16:58:40] "GET /admin/ HTTP/1.1" 302 0

[12/Dec/2018 16:58:40] "GET /admin/login/?next=/admin/ HTTP/1.1" 200 1819

[12/Dec/2018 16:58:40] "GET /static/admin/css/login.css HTTP/1.1" 200 1203

[12/Dec/2018 16:58:40] "GET /static/admin/css/base.css HTTP/1.1" 200 16225

[12/Dec/2018 16:58:40] "GET /static/admin/css/responsive.css HTTP/1.1" 200 17976

[12/Dec/2018 16:58:40] "GET /static/admin/css/fonts.css HTTP/1.1" 200 423

[12/Dec/2018 16:58:40] "GET /static/admin/fonts/Roboto-Regular-webfont.woff HTTP/1.1" 200 80304

[12/Dec/2018 16:58:40] "GET /static/admin/fonts/Roboto-Light-webfont.woff HTTP/1.1" 200 81348

[12/Dec/2018 16:58:47] "POST /admin/login/?next=/admin/ HTTP/1.1" 200 1980

[12/Dec/2018 16:58:47] "GET /static/admin/fonts/Roboto-Bold-webfont.woff HTTP/1.1" 200 82564

[12/Dec/2018 16:58:55] "POST /admin/login/?next=/admin/ HTTP/1.1" 200 1980

[12/Dec/2018 16:59:00] "POST /admin/login/?next=/admin/ HTTP/1.1" 200 1980

[12/Dec/2018 16:59:14] "POST /admin/login/?next=/admin/ HTTP/1.1" 200 1980

[12/Dec/2018 16:59:14] "GET /static/admin/css/base.css HTTP/1.1" 304 0

[12/Dec/2018 16:59:14] "GET /static/admin/css/responsive.css HTTP/1.1" 304 0

[12/Dec/2018 16:59:14] "GET /static/admin/css/login.css HTTP/1.1" 304 0

[12/Dec/2018 16:59:14] "GET /static/admin/css/fonts.css HTTP/1.1" 304 0

[12/Dec/2018 16:59:14] "GET /static/admin/fonts/Roboto-Regular-webfont.woff HTTP/1.1" 304 0

[12/Dec/2018 16:59:14] "GET /static/admin/fonts/Roboto-Light-webfont.woff HTTP/1.1" 304 0

[12/Dec/2018 16:59:26] "POST /admin/login/?next=/admin/ HTTP/1.1" 200 1980

[12/Dec/2018 16:59:26] "GET /static/admin/fonts/Roboto-Bold-webfont.woff HTTP/1.1" 304 0

[12/Dec/2018 16:59:31] "POST /admin/login/?next=/admin/ HTTP/1.1" 200 1980

[12/Dec/2018 16:59:36] "POST /admin/login/?next=/admin/ HTTP/1.1" 200 1980

[12/Dec/2018 16:59:41] "POST /admin/login/?next=/admin/ HTTP/1.1" 200 1980

[12/Dec/2018 16:59:58] "POST /admin/login/?next=/admin/ HTTP/1.1" 200 1980

[12/Dec/2018 16:59:58] "GET /static/admin/css/base.css HTTP/1.1" 304 0

[12/Dec/2018 16:59:58] "GET /static/admin/css/login.css HTTP/1.1" 304 0

[12/Dec/2018 16:59:58] "GET /static/admin/css/responsive.css HTTP/1.1" 304 0

[12/Dec/2018 16:59:58] "GET /static/admin/css/fonts.css HTTP/1.1" 304 0

[12/Dec/2018 16:59:58] "GET /static/admin/fonts/Roboto-Regular-webfont.woff HTTP/1.1" 304 0

[12/Dec/2018 16:59:58] "GET /static/admin/fonts/Roboto-Light-webfont.woff HTTP/1.1" 304 0

[12/Dec/2018 17:00:08] "POST /admin/login/?next=/admin/ HTTP/1.1" 200 1980

[12/Dec/2018 17:00:08] "GET /static/admin/fonts/Roboto-Bold-webfont.woff HTTP/1.1" 304 0

[12/Dec/2018 17:01:02] "GET /admin/login/?next=/admin/ HTTP/1.1" 200 1819

[12/Dec/2018 17:01:02] "GET /static/admin/css/base.css HTTP/1.1" 304 0

[12/Dec/2018 17:01:02] "GET /static/admin/css/login.css HTTP/1.1" 304 0

[12/Dec/2018 17:01:02] "GET /static/admin/css/responsive.css HTTP/1.1" 304 0

[12/Dec/2018 17:01:02] "GET /static/admin/css/fonts.css HTTP/1.1" 304 0

[12/Dec/2018 17:01:02] "GET /static/admin/fonts/Roboto-Regular-webfont.woff HTTP/1.1" 304 0

[12/Dec/2018 17:01:02] "GET /static/admin/fonts/Roboto-Light-webfont.woff HTTP/1.1" 304 0

[12/Dec/2018 17:01:21] "POST /admin/login/?next=/admin/ HTTP/1.1" 200 1980

[12/Dec/2018 17:01:21] "GET /static/admin/fonts/Roboto-Bold-webfont.woff HTTP/1.1" 304 0

[12/Dec/2018 17:01:28] "POST /admin/login/?next=/admin/ HTTP/1.1" 200 1980

(myproject) C:\Users\KRISHNA\mysite>cd ..

(myproject) C:\Users\KRISHNA>django-admin startproject mysite

(myproject) C:\Users\KRISHNA>cd mysite

(myproject) C:\Users\KRISHNA\mysite>python manage.py runserver

Performing system checks...

System check identified no issues (0 silenced).

You have 15 unapplied migration(s). Your project may not work properly until you apply the migrations for app(s): admin, auth, contenttypes, sessions.

Run 'python manage.py migrate' to apply them.

December 12, 2018 - 17:03:41

Django version 2.1.4, using settings 'mysite.settings'

Starting development server at http://127.0.0.1:8000/

Quit the server with CTRL-BREAK.

[12/Dec/2018 17:05:36] "GET / HTTP/1.1" 200 16348

[12/Dec/2018 17:05:36] "GET /static/admin/css/fonts.css HTTP/1.1" 304 0

[12/Dec/2018 17:05:36] "GET /static/admin/fonts/Roboto-Regular-webfont.woff HTTP/1.1" 304 0

[12/Dec/2018 17:05:36] "GET /static/admin/fonts/Roboto-Bold-webfont.woff HTTP/1.1" 304 0

[12/Dec/2018 17:05:36] "GET /static/admin/fonts/Roboto-Light-webfont.woff HTTP/1.1" 304 0

(myproject) C:\Users\KRISHNA\mysite>

(myproject) C:\Users\KRISHNA\mysite>python manage.py startapp polls

(myproject) C:\Users\KRISHNA\mysite>python manage.py runserver

Performing system checks...

System check identified no issues (0 silenced).

You have 15 unapplied migration(s). Your project may not work properly until you apply the migrations for app(s): admin, auth, contenttypes, sessions.

Run 'python manage.py migrate' to apply them.

December 12, 2018 - 17:14:33

Django version 2.1.4, using settings 'mysite.settings'

Starting development server at http://127.0.0.1:8000/

Quit the server with CTRL-BREAK.

Not Found: /

[12/Dec/2018 17:14:41] "GET / HTTP/1.1" 404 2027

[12/Dec/2018 17:14:47] "GET /polls HTTP/1.1" 301 0

[12/Dec/2018 17:14:47] "GET /polls/ HTTP/1.1" 200 40

(myproject) C:\Users\KRISHNA\mysite>python manage.py migrate

Operations to perform:

Apply all migrations: admin, auth, contenttypes, sessions

Running migrations:

Applying contenttypes.0001\_initial... OK

Applying auth.0001\_initial... OK

Applying admin.0001\_initial... OK

Applying admin.0002\_logentry\_remove\_auto\_add... OK

Applying admin.0003\_logentry\_add\_action\_flag\_choices... OK

Applying contenttypes.0002\_remove\_content\_type\_name... OK

Applying auth.0002\_alter\_permission\_name\_max\_length... OK

Applying auth.0003\_alter\_user\_email\_max\_length... OK

Applying auth.0004\_alter\_user\_username\_opts... OK

Applying auth.0005\_alter\_user\_last\_login\_null... OK

Applying auth.0006\_require\_contenttypes\_0002... OK

Applying auth.0007\_alter\_validators\_add\_error\_messages... OK

Applying auth.0008\_alter\_user\_username\_max\_length... OK

Applying auth.0009\_alter\_user\_last\_name\_max\_length... OK

Applying sessions.0001\_initial... OK

(myproject) C:\Users\KRISHNA\mysite>python manage.py makemigrations polls

Migrations for 'polls':

polls\migrations\0001\_initial.py

- Create model Choice

- Create model Question

- Add field question to choice

(myproject) C:\Users\KRISHNA\mysite>python manage.py sqlmigrate polls 0001

BEGIN;

--

-- Create model Choice

--

CREATE TABLE "polls\_choice" ("id" integer NOT NULL PRIMARY KEY AUTOINCREMENT, "choice\_text" varchar(200) NOT NULL, "votes" integer NOT NULL);

--

-- Create model Question

--

CREATE TABLE "polls\_question" ("id" integer NOT NULL PRIMARY KEY AUTOINCREMENT, "question\_text" varchar(200) NOT NULL, "pub\_date" datetime NOT NULL);

--

-- Add field question to choice

--

ALTER TABLE "polls\_choice" RENAME TO "polls\_choice\_\_old";

CREATE TABLE "polls\_choice" ("id" integer NOT NULL PRIMARY KEY AUTOINCREMENT, "choice\_text" varchar(200) NOT NULL, "votes" integer NOT NULL, "question\_id" integer NOT NULL REFERENCES "polls\_question" ("id") DEFERRABLE INITIALLY DEFERRED);

INSERT INTO "polls\_choice" ("id", "choice\_text", "votes", "question\_id") SELECT "id", "choice\_text", "votes", NULL FROM "polls\_choice\_\_old";

DROP TABLE "polls\_choice\_\_old";

CREATE INDEX "polls\_choice\_question\_id\_c5b4b260" ON "polls\_choice" ("question\_id");

COMMIT;

(myproject) C:\Users\KRISHNA\mysite>python manage.py migrate

Operations to perform:

Apply all migrations: admin, auth, contenttypes, polls, sessions

Running migrations:

Applying polls.0001\_initial... OK

(myproject) C:\Users\KRISHNA\mysite>python manage.py makemigrations

No changes detected

(myproject) C:\Users\KRISHNA\mysite>python manage.py shell

Python 3.6.0 |Continuum Analytics, Inc.| (default, Dec 23 2016, 11:57:41) [MSC v.1900 64 bit (AMD64)] on win32

Type "help", "copyright", "credits" or "license" for more information.

(InteractiveConsole)

>>> from polls.models import Choice, Question

>>> Question.objects.all()

<QuerySet []>

>>> from django.utils import timezone

>>> q = Question(question\_text="What's new?", pub\_date=timezone.now())

>>> q.save()

>>> q.id

1

>>> q.question\_text

"What's new?"

>>> q.pub\_date

datetime.datetime(2018, 12, 12, 11, 50, 57, 64088, tzinfo=<UTC>)

>>> q.question\_text = "What's up?"

>>> q.save()

>>> Question.objects.all()

<QuerySet [<Question: Question object (1)>]>

>>>

KeyboardInterrupt

>>> quit()

(myproject) C:\Users\KRISHNA\mysite>python manage.py createsuperuser

Username (leave blank to use 'krishna'): krishna

Email address: sshkrishna@gmail.com

Password:

Password (again):

Superuser created successfully.

(myproject) C:\Users\KRISHNA\mysite>python manage.py runserver

Performing system checks...

System check identified no issues (0 silenced).

December 12, 2018 - 17:26:38

Django version 2.1.4, using settings 'mysite.settings'

Starting development server at http://127.0.0.1:8000/

Quit the server with CTRL-BREAK.

[12/Dec/2018 17:26:40] "GET /admin/ HTTP/1.1" 302 0

[12/Dec/2018 17:26:40] "GET /admin/login/?next=/admin/ HTTP/1.1" 200 1819

[12/Dec/2018 17:26:40] "GET /static/admin/css/base.css HTTP/1.1" 304 0

[12/Dec/2018 17:26:40] "GET /static/admin/css/login.css HTTP/1.1" 304 0

[12/Dec/2018 17:26:40] "GET /static/admin/css/responsive.css HTTP/1.1" 304 0

[12/Dec/2018 17:26:40] "GET /static/admin/css/fonts.css HTTP/1.1" 304 0

[12/Dec/2018 17:26:40] "GET /static/admin/fonts/Roboto-Regular-webfont.woff HTTP/1.1" 304 0

[12/Dec/2018 17:26:40] "GET /static/admin/fonts/Roboto-Light-webfont.woff HTTP/1.1" 304 0

[12/Dec/2018 17:26:54] "POST /admin/login/?next=/admin/ HTTP/1.1" 302 0

[12/Dec/2018 17:26:54] "GET /admin/ HTTP/1.1" 200 3044

[12/Dec/2018 17:26:54] "GET /static/admin/css/dashboard.css HTTP/1.1" 200 412

[12/Dec/2018 17:26:54] "GET /static/admin/fonts/Roboto-Bold-webfont.woff HTTP/1.1" 304 0

[12/Dec/2018 17:26:54] "GET /static/admin/img/icon-addlink.svg HTTP/1.1" 200 331

[12/Dec/2018 17:26:54] "GET /static/admin/img/icon-changelink.svg HTTP/1.1" 200 380

[12/Dec/2018 17:27:24] "GET /admin/logout/ HTTP/1.1" 200 1207

[12/Dec/2018 17:27:27] "GET /admin/ HTTP/1.1" 302 0

[12/Dec/2018 17:27:27] "GET /admin/login/?next=/admin/ HTTP/1.1" 200 1819

[12/Dec/2018 17:27:42] "GET /admin/ HTTP/1.1" 302 0

[12/Dec/2018 17:27:42] "GET /admin/login/?next=/admin/ HTTP/1.1" 200 1819

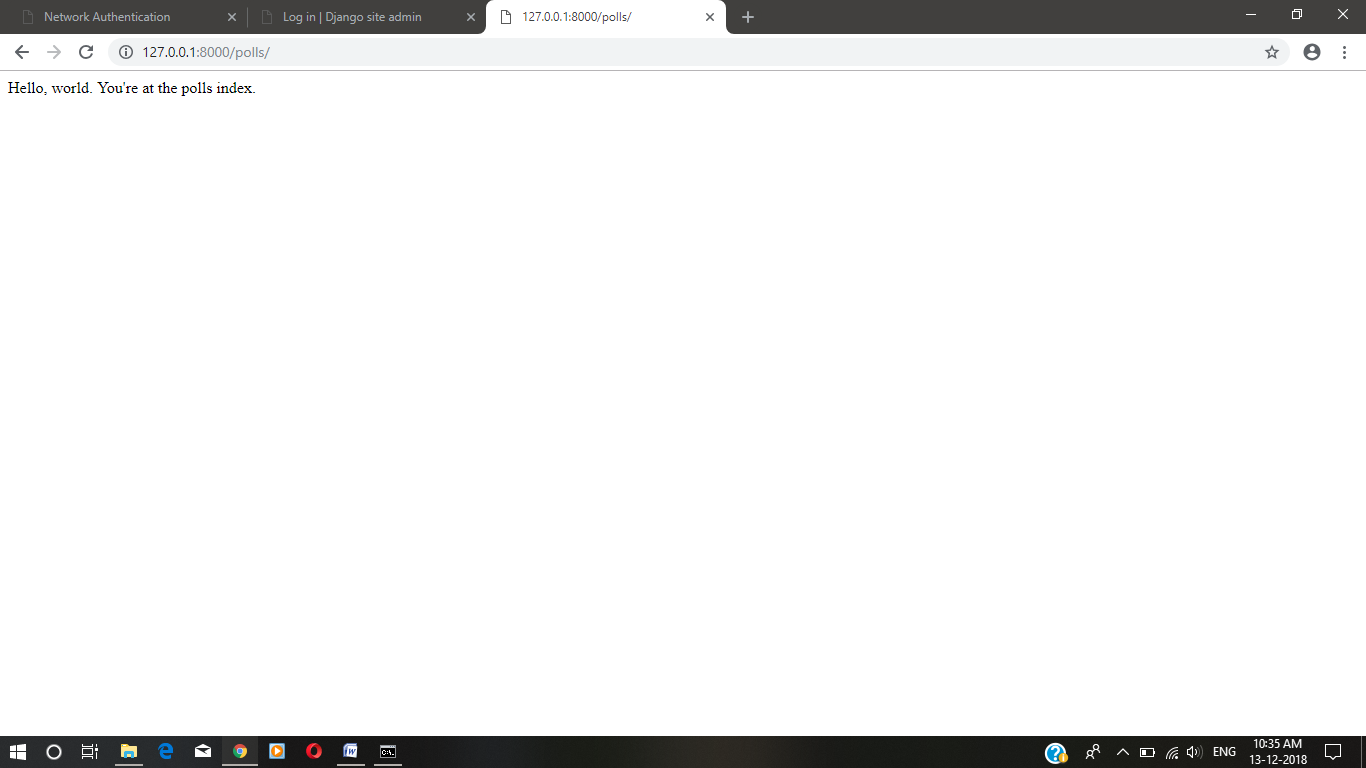
[12/Dec/2018 17:28:02] "POST /admin/login/?next=/admin/ HTTP/1.1" 302 0

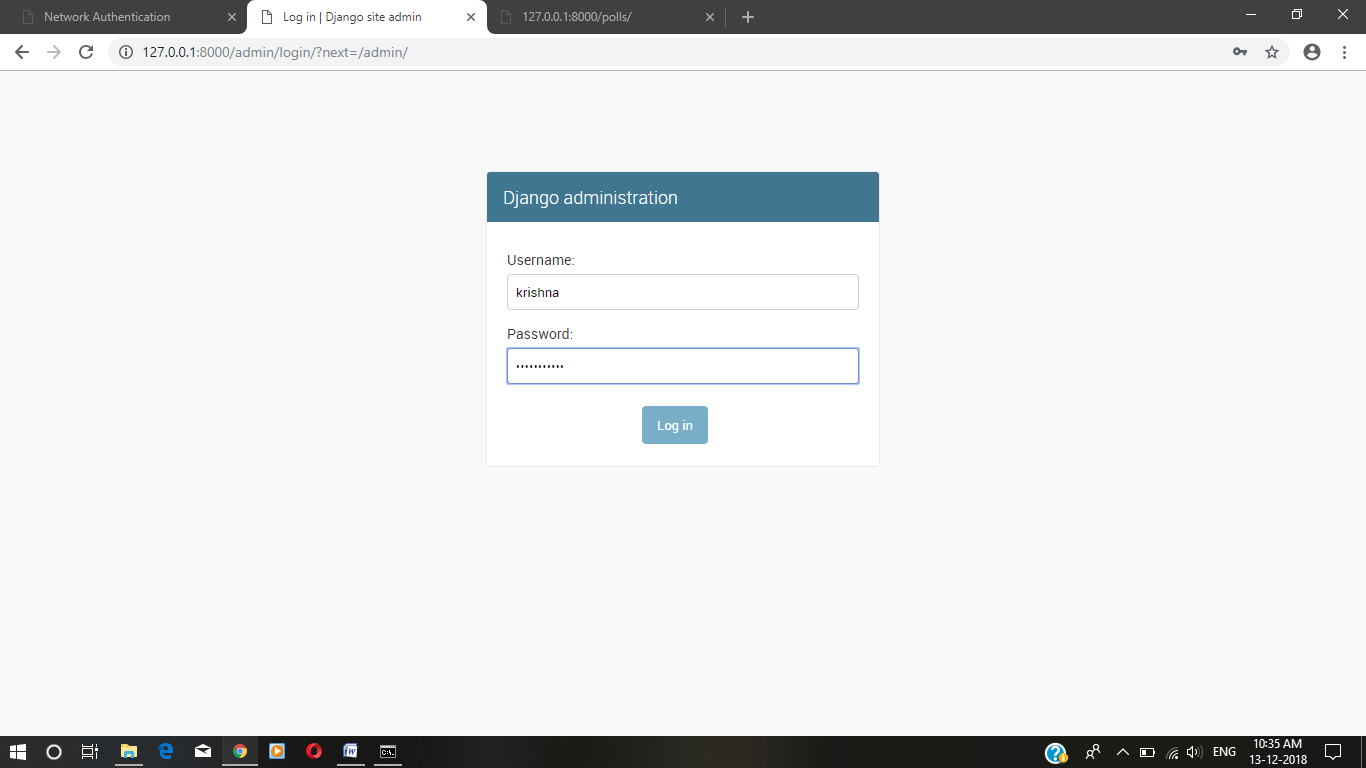
[12/Dec/2018 17:28:02] "GET /admin/ HTTP/1.1" 200 3044

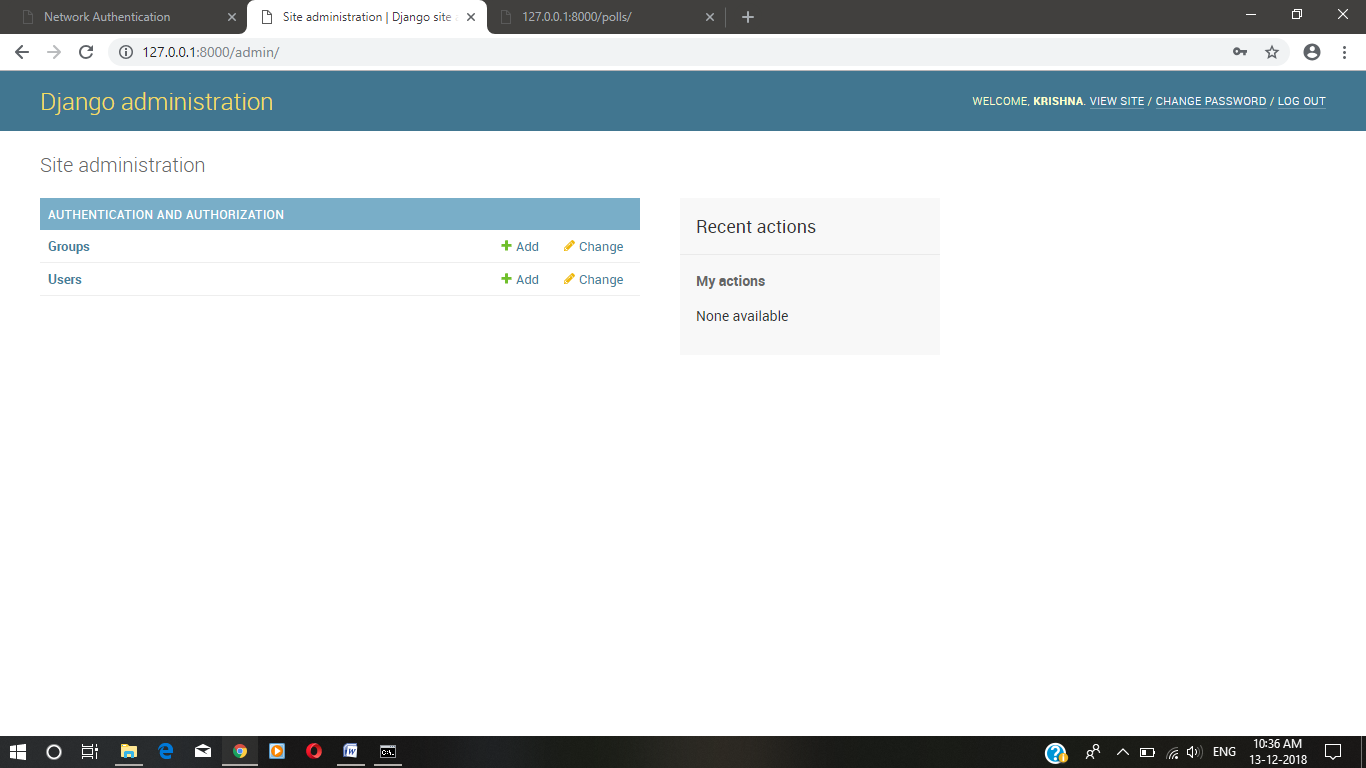
[12/Dec/2018 17:28:22] "GET /admin/logout/ HTTP/1.1" 200 1207

(myproject) C:\Users\KRISHNA\mysite>

**OUTPUT**

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