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USN : 01FM16MCA034

Assignment No. : 2

Assignment Name : Django Polls application

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Microsoft Windows [Version 6.3.9600]

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C:\Users\Ramya>python -m django --version

2.1.4

C:\Users\Ramya>django-admin startproject mysite

CommandError: 'C:\Users\Ramya\mysite' already exists

C:\Users\Ramya>django-admin startproject mysite2

C:\Users\Ramya>python --version

Python 3.6.3

C:\Users\Ramya>cd mysite2

C:\Users\Ramya\mysite2> 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 - 20:50:33

Django version 2.1.4, using settings 'mysite2.settings'

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

Quit the server with CTRL-BREAK.

[12/Dec/2018 20:52:31] "GET / HTTP/1.1" 200 16348

C:\Users\Ramya\mysite2> python manage.py startapp polls

C:\Users\Ramya\mysite2>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 - 21:55:55

Django version 2.1.4, using settings 'mysite2.settings'

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

Quit the server with CTRL-BREAK.

Not Found: /

[12/Dec/2018 21:56:52] "GET / HTTP/1.1" 404 2028

[12/Dec/2018 21:57:05] "GET /polls/ HTTP/1.1" 200 39

C:\Users\Ramya\mysite2>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

C:\Users\Ramya\mysite2>python manage.py makemigrations polls

Migrations for 'polls':

polls\migrations\0001\_initial.py

- Create model Choice

- Create model Question

- Add field question to choice

C:\Users\Ramya\mysite2>python manage.py sqlmigrate polls 0001

BEGIN;

--

-- Create model Choice

--

CREATE TABLE "polls\_choice" ("id" integer NOT NULL PRIMARY KEY AUTOINCREMENT, "c

hoice\_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, "c

hoice\_text" varchar(200) NOT NULL, "votes" integer NOT NULL, "question\_id" integ

er 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;

C:\Users\Ramya\mysite2>python manage.py migrate

Operations to perform:

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

Running migrations:

Applying polls.0001\_initial... OK

C:\Users\Ramya\mysite2>python manage.py makemigrations

No changes detected

C:\Users\Ramya\mysite2>python manage.py migrate

Operations to perform:

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

Running migrations:

No migrations to apply.

C:\Users\Ramya\mysite2>python manage.py shell

Python 3.6.3 (v3.6.3:2c5fed8, Oct 3 2017, 17:26:49) [MSC v.1900 32 bit (Intel)]

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

File "<console>", line 1

q.question\_text

^

IndentationError: unexpected indent

>>> q.question\_text

"What's new?"

>>> q.pub\_date

datetime.datetime(2018, 12, 12, 16, 51, 54, 617958, tzinfo=<UTC>)

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

>>> q.save()

>>> Question.objects.all()

<QuerySet [<Question: What's up? 2018-12-12 16:51:54.617958+00:00>]>

>>> Question.objects.all()

<QuerySet [<Question: What's up? 2018-12-12 16:51:54.617958+00:00>]>

>>> from polls.models import Choice, Question

>>> Question.objects.all()

<QuerySet [<Question: What's up? 2018-12-12 16:51:54.617958+00:00>]>

>>> from polls.models import Choice, Question

>>> Question.objects.all()

<QuerySet [<Question: What's up? 2018-12-12 16:51:54.617958+00:00>]>

>>> quit()

C:\Users\Ramya\mysite2>python manage.py createsuperuser

Username (leave blank to use 'ramya'): Ramya

Email address: ramyajoshi548@gmail.com

Password:

Password (again):

Superuser created successfully.

C:\Users\Ramya\mysite2>python manage.py runserver

Performing system checks...

System check identified no issues (0 silenced).

December 12, 2018 - 22:30:52

Django version 2.1.4, using settings 'mysite2.settings'

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

Quit the server with CTRL-BREAK.

C:\Users\Ramya\mysite2>python manage.py runserver

Performing system checks...

System check identified no issues (0 silenced).

December 12, 2018 - 22:35:52

Django version 2.1.4, using settings 'mysite2.settings'

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

Quit the server with CTRL-BREAK.

Not Found: /

[12/Dec/2018 22:36:08] "GET / HTTP/1.1" 404 2028

[12/Dec/2018 22:36:19] "GET /admin/ HTTP/1.1" 302 0

[12/Dec/2018 22:36:19] "GET /admin/login/?next=/admin/ HTTP/1.1" 200 1819

[12/Dec/2018 22:36:34] "POST /admin/login/?next=/admin/ HTTP/1.1" 200 1980

[12/Dec/2018 22:36:42] "GET /admin/login/?next=/admin/ HTTP/1.1" 200 1819

[12/Dec/2018 22:36:44] "GET /admin/ HTTP/1.1" 302 0

[12/Dec/2018 22:36:44] "GET /admin/login/?next=/admin/ HTTP/1.1" 200 1819

Not Found: /ramya/

[12/Dec/2018 22:37:03] "GET /ramya/ HTTP/1.1" 404 2064

[12/Dec/2018 22:37:13] "GET /admin/ HTTP/1.1" 302 0

[12/Dec/2018 22:37:13] "GET /admin/login/?next=/admin/ HTTP/1.1" 200 1819

[12/Dec/2018 22:37:27] "POST /admin/login/?next=/admin/ HTTP/1.1" 302 0

[12/Dec/2018 22:37:27] "GET /admin/ HTTP/1.1" 200 3042

[12/Dec/2018 22:37:39] "GET /admin/auth/ HTTP/1.1" 200 2968

[12/Dec/2018 22:37:42] "GET /admin/auth/ HTTP/1.1" 200 2968

[12/Dec/2018 22:37:45] "GET /admin/auth/group/ HTTP/1.1" 200 3503

[12/Dec/2018 22:37:45] "GET /admin/jsi18n/ HTTP/1.1" 200 3185

[12/Dec/2018 22:37:45] "GET /static/admin/js/core.js HTTP/1.1" 304 0

[12/Dec/2018 22:37:45] "GET /static/admin/js/vendor/jquery/jquery.js HTTP/1.1" 3

04 0

[12/Dec/2018 22:37:45] "GET /static/admin/js/jquery.init.js HTTP/1.1" 304 0

[12/Dec/2018 22:37:45] "GET /static/admin/js/admin/RelatedObjectLookups.js HTTP/

1.1" 304 0

[12/Dec/2018 22:37:45] "GET /static/admin/css/changelists.css HTTP/1.1" 304 0

[12/Dec/2018 22:37:45] "GET /static/admin/js/actions.js HTTP/1.1" 304 0

[12/Dec/2018 22:37:45] "GET /static/admin/js/urlify.js HTTP/1.1" 304 0

[12/Dec/2018 22:37:45] "GET /static/admin/js/prepopulate.js HTTP/1.1" 304 0

[12/Dec/2018 22:37:45] "GET /static/admin/js/vendor/xregexp/xregexp.js HTTP/1.1"

304 0

[12/Dec/2018 22:37:46] "GET /static/admin/img/search.svg HTTP/1.1" 304 0

[12/Dec/2018 22:37:53] "GET /admin/auth/ HTTP/1.1" 200 2968

[12/Dec/2018 22:38:09] "GET /admin/ HTTP/1.1" 200 3042

[12/Dec/2018 22:38:14] "GET /admin/ HTTP/1.1" 200 3042

[12/Dec/2018 22:38:18] "GET /admin/logout/ HTTP/1.1" 200 1207

[12/Dec/2018 22:38:20] "GET /admin/ HTTP/1.1" 302 0

[12/Dec/2018 22:38:20] "GET /admin/login/?next=/admin/ HTTP/1.1" 200 1819

[12/Dec/2018 22:38:34] "POST /admin/login/?next=/admin/ HTTP/1.1" 302 0

[12/Dec/2018 22:38:34] "GET /admin/ HTTP/1.1" 200 3042

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

Python 3.6.2 (v3.6.2:5fd33b5, Jul 8 2017, 04:57:36) [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 [<Question: What's up? 2018-12-07 16:04:15.429161+00:00>]>

>>> Question.objects.filter(id=1)

<QuerySet [<Question: What's up? 2018-12-07 16:04:15.429161+00:00>]>

>>> Question.objects.filter(question\_text\_\_startswith='What')

<QuerySet [<Question: What's up? 2018-12-07 16:04:15.429161+00:00>]>

>>> from django.utils import timezone

>>> current\_year = timezone.now().year

>>> Question.objects.get(pub\_date\_\_year=current\_year)

<Question: What's up? 2018-12-07 16:04:15.429161+00:00>

>>> Question.objects.get(id=2)

Traceback (most recent call last):

File "<console>", line 1, in <module>

File "C:\Users\Admin\Envs\myproject\lib\site-packages\django\db\models\manager

.py", line 82, in manager\_method

return getattr(self.get\_queryset(), name)(\*args, \*\*kwargs)

File "C:\Users\Admin\Envs\myproject\lib\site-packages\django\db\models\query.p

y", line 399, in get

self.model.\_meta.object\_name

polls.models.Question.DoesNotExist: Question matching query does not exist.

>>> Question.objects.get(pk=1)

<Question: What's up? 2018-12-07 16:04:15.429161+00:00>

>>> q = Question.objects.get(pk=1)

>>> q.was\_published\_recently()

True

>>> q = Question.objects.get(pk=1)

>>> q.choice\_set.all()

<QuerySet []>

>>> q.choice\_set.create(choice\_text='Not much', votes=0)

<Choice: What's up? 2018-12-07 16:04:15.429161+00:00 Not much 0>

>>> q.choice\_set.create(choice\_text='The sky', votes=0)

<Choice: What's up? 2018-12-07 16:04:15.429161+00:00 The sky 0>

>>> c = q.choice\_set.create(choice\_text='Just hacking again', votes=0)

>>> c.question

<Question: What's up? 2018-12-07 16:04:15.429161+00:00>

>>> q.choice\_set.all()

<QuerySet [<Choice: What's up? 2018-12-07 16:04:15.429161+00:00 Not much 0>, <Ch

oice: What's up? 2018-12-07 16:04:15.429161+00:00 The sky 0>, <Choice: What's up

? 2018-12-07 16:04:15.429161+00:00 Just hacking again 0>]>

>>> q.choice\_set.count()

3

>>> Choice.objects.filter(question\_\_pub\_date\_\_year=current\_year)

<QuerySet [<Choice: What's up? 2018-12-07 16:04:15.429161+00:00 Not much 0>, <Ch

oice: What's up? 2018-12-07 16:04:15.429161+00:00 The sky 0>, <Choice: What's up

? 2018-12-07 16:04:15.429161+00:00 Just hacking again 0>]>

>>> c = q.choice\_set.filter(choice\_text\_\_startswith='Just hacking')

>>> c.delete()

(1, {'polls.Choice': 1})

**New command prompt:**

C:\Users\Admin>workon myproject

(myproject) C:\Users\Admin>cd mysite2

(myproject) C:\Users\Admin\mysite2>python manage.py runserver

Performing system checks...

System check identified no issues (0 silenced).

December 07, 2018 - 22:37:22

Django version 2.1.3, using settings 'mysite2.settings'

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

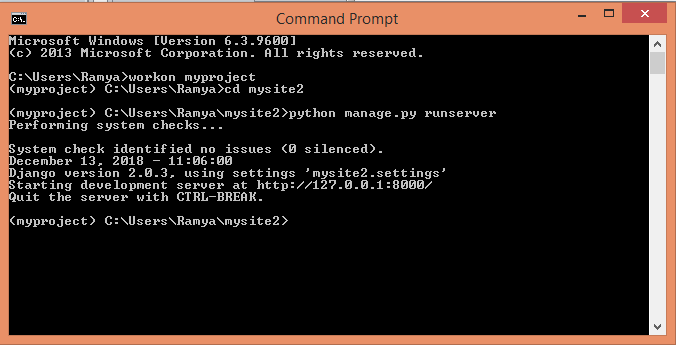
Quit the server with CTRL-BREAK.

[07/Dec/2018 22:37:36] "GET /admin/ HTTP/1.1" 302 0

[07/Dec/2018 22:37:37] "GET /admin/login/?next=/admin/ HTTP/1.1" 200 1823

Not Found: /favicon.ico

[07/Dec/2018 22:37:37] "GET /favicon.ico HTTP/1.1" 404 2078

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