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***USN*** : *01fm17mca409*

***Assignment No.*** *: 2*

***Assignment On :***

*To Design And Develop Polls Application With Django Framework*

C:\Users\Admin>workon myproject

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

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

Performing system checks...

System check identified no issues (0 silenced).

December 07, 2018 - 21:22:25

Django version 2.1.3, using settings 'mysite.settings'

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

Quit the server with CTRL-BREAK.

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

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

[07/Dec/2018 21:25:29] "GET /polls/ HTTP/1.1" 200 40

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

No migrations to apply.

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

No changes detected in app 'polls'

(myproject) C:\Users\Admin\mysite>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;

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

Applying polls.0001\_initial... OK

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

No changes detected

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

No migrations to apply.

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

(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, 7, 16, 4, 15, 429161, tzinfo=<UTC>)

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

>>> q.save()

>>> Question.objects.all()

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

>>> quit()

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

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

Email address: admin@example.com

Password:

Password (again):

Superuser created successfully.

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

Performing system checks...

System check identified no issues (0 silenced).

December 07, 2018 - 22:22:15

Django version 2.1.3, using settings 'mysite.settings'

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

Quit the server with CTRL-BREAK.

[07/Dec/2018 22:22:43] "GET /static/admin/css/responsive.css HTTP/1.1" 200 17976

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

(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(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})

**EXECUTION:**

C:\Users\Admin>workon myproject

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

(myproject) C:\Users\Admin\mysite>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 'mysite.settings'

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

Quit the server with CTRL-BREAK.