[django]

class Meta:
    abstract = **True**

○   https://docs.djangoproject.com/en/1.11/topics/db/models/#abstract-base-classes

Commands

Start New App : Python3 manage.py startapp <app_name>

pip install --upgrade django==1.6.5

pip freez

PIP List:
- flat_responsive (pip install django-flat-responsive, https://github.com/elky/django-flat-responsive)
- django-crispy-forms (pip install django-crispy-forms)
- mysqlclient

pyhond 3.6 connector : https://pypi.python.org/pypi/mysqlclient

Commands:
- python3 setup.py build
- python3 setup.py install

```
'default': {
   'ENGINE': 'django.db.backends.mysql',
   'NAME': 'falcon',
   'USER': 'karan',
   'PASSWORD': 'abcd1234',
   'HOST': '165.227.107.173',
   'PORT': '3306',
},
```

 python manage.py migrate --fake core zero

python manage.py showmigrations

To use `django-crispy-forms`, you will need to install the app via `pip`, and then add `crispy_forms` in your `INSTALLED_APPS` setting.

reverse('polls:index', current_app=self.request.resolver_match.namespace)
return redirect('some-view-name', foo='bar')

Template:
{% **url** 'polls:index' %}

Split:-
first_name, last_name = self.cleaned_data["fullname"].split()

Register To Admin:
In admin: admin.site.register(stock)

Form
https://www.codingforentrepreneurs.com/projects/django-forms-formsets/
https://tutorial.djangogirls.org/en/django_forms/
https://gist.github.com/artschwagerb/7930048
https://simpleisbetterthancomplex.com/article/2017/08/19/how-to-render-django-form-manually.html
https://stackoverflow.com/questions/1608261/django-login-redirect-url-with-dynamic-value
https://www.youtube.com/watch?v=U_dDY7TvJ4E
https://blog.bixly.com/awesome-forms-django-crispy-forms
https://stackoverflow.com/questions/6380196/gitignore-does-not-work
https://stackoverflow.com/questions/4938491/django-admin-change-header-django-administration-text
http://jet.geex-arts.com
https://stackoverflow.com/questions/4437386/how-to-loop-over-form-field-choices-and-display-associated-model-instance-fields
https://stackoverflow.com/questions/1809874/get-type-of-django-form-widget-from-within-template
https://stackoverflow.com/questions/31538338/django-form-to-indicate-input-type?rq=1
https://www.youtube.com/watch?v=609pxEMfung **(User Reg Form)**
file:///Users/karansheth/New_Documents/Software_Engineering/Team_Project/We_Care/GUI-Template/dashboard_5.html#
https://stackoverflow.com/questions/18946746/django-form-error-messages-not-showing
http://vanderwijk.info/blog/adding-css-classes-formfields-in-django-

templates/
https://stackoverflow.com/questions/19241680/python-check-that-key-is-defined-in-dictionary
https://simpleisbetterthancomplex.com/tips/2016/08/04/django-tip-9-password-change-form.html
https://stackoverflow.com/questions/15422606/django-model-email-field-unique-if-not-null-blank
https://stackoverflow.com/questions/17473775/questions-object-is-not-iterable-django
https://www.youtube.com/watch?v=aWTYoWFrrh8
https://godjango.com/18-basic-ajax/
https://getfreetutorial.com/udemy-build-backend-rest-api-using-django-rest-framework/
https://www.freetutorials.us/build-your-own-backend-rest-api-using-django-rest-framework-1/
https://djangosnippets.org/snippets/1094/
https://stackoverflow.com/questions/33271560/accessing-django-form-error-message-in-view
https://bootsnipp.com/snippets/featured/circle-button

Admin Custom

https://www.youtube.com/watch?v=SKo2B8Vf53M [5:00]
https://www.youtube.com/watch?v=EQLbkv8SgB4
https://github.com/andybak/django-admin-notifications/issues/3
https://github.com/cdrx/django-admin-menu

Natural Keys

https://docs.djangoproject.com/en/1.10/topics/serialization/#natural-keys
https://stackoverflow.com/questions/3753359/serializing-foreign-key-objects-in-django

Lymda Function:-
https://www.youtube.com/watch?v=ek0FYB9zXJw

ORM: -
```
sock = stocks.object.all()
q = Question.objects.filter(user=request.user).values()
```

FOR RAW Query

```
def search_patient(request):
    first_name = request.POST.get('first_name', None)
    last_name = request.POST.get('last_name', None)
    # dob = request.GET.get('dob', None)
    email = request.POST.get('email', None)
    x = Patient.objects.filter(first_name=first_name, last_name=last_name,
email=email)


    #x = Patient.objects.raw('SELECT * FROM module_patient ')
    print(x)
    qs_json = serializers.serialize('json', x)

    return HttpResponse(qs_json, content_type='application/json')
```

MOST IMP

```
def ValuesQuerySetToDict(vqs):
    return [item for item in vqs]


data_dict = ValuesQuerySetToDict(data)
data_json = json.dumps(data_dict)
```

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Multiple Rendering Problem Solution: -
File: inspinia.js
Solution: Applied no-skin-config class to Body
 // Append config box / Only for demo purpose
   // Uncomment on server mode to enable XHR calls
   $.get("skin-config.html", function (data) {
     if (!$('body').hasClass('no-skin-config'))
        $('body').append(data);
   });
―――――――――――――――――――――――――――――――――――

DataTable: -
https://datatables.net/reference/api/row.add()
https://datatables.net/reference/api/clear()

table.clear().draw();
Replaced Snippet: $('#medicine_list')..append("<td>" + item.fields.product[0]
+ "</td>")
―――――――――――――――――――――――――――――――――――

Form :
     looping: {% for key, value **in** form.errors.items %}
     Error : https://stackoverflow.com/questions/14647723/django-forms-if-not-valid-show-form-with-error-message
     Formats: .as_data

IsEmail:- https://stackoverflow.com/questions/2507030/email-validation-using-jquery

IsPhoneNumber:- https://stackoverflow.com/questions/19840301/jquery-to-validate-phone-number

Toster: https://github.com/CodeSeven/toastr

sweet alerts: - file:///Users/karansheth/Desktop/RD2%202/GUI-Template/sweetalert.html

Tabs: https://bootsnipp.com/snippets/featured/panels-with-nav-tabs

Tab_activate: https://stackoverflow.com/questions/21417905/twitter-bootstrap-3-setting-active-tab-in-js-not-working

Jquery ID
https://stackoverflow.com/questions/3341342/jquery-this-attrid-not-working

https://stackoverflow.com/questions/10626885/passing-data-to-a-bootstrap-modal

Date Picker:
https://stackoverflow.com/questions/16123056/bootstrap-datepicker-disabling-past-dates-without-current-date

ModelChoice:
Reference: https://stackoverflow.com/questions/11936470/django-choicefield-populated-from-database-values
Source: https://stackoverflow.com/questions/4789466/populate-a-django-form-with-data-from-database-in-view

24 hour —> 12 Hour : https://stackoverflow.com/questions/13855111/how-can-i-convert-24-hour-time-to-12-hour-time

https://stackoverflow.com/questions/19229190/convert-12-hour-into-24-hour-times
https://stackoverflow.com/questions/466345/converting-string-into-datetime
_____

TIME & Date :

```
import datetime

t = datetime.time(12, 10)
tdelta = datetime.timedelta(minutes=60)

tmp_datetime = datetime.datetime.combine(datetime.date(1, 1, 1), t)
time2 = (tmp_datetime + tdelta).time()

time3 = time2.strftime("%I:%M %p")

time4 = datetime.datetime.strptime(time3, '%I:%M %p')
print(time4)
```

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Array Inter Section: -
https://stackoverflow.com/questions/642763/find-intersection-of-two-lists

Single Field Selection:
https://stackoverflow.com/questions/7503241/django-models-selecting-single-

field

DateTime Range:- https://stackoverflow.com/questions/39298054/generating-15-minute-time-interval-array-in-python

Orderd Set: https://stackoverflow.com/questions/10005367/retaining-order-while-using-pythons-set-difference

Select Fill : - https://stackoverflow.com/questions/740195/adding-options-to-a-select-using-jquery

Popover Problem in model : http://jsfiddle.net/pLh5G/, https://stackoverflow.com/questions/23960866/how-to-get-clockpicker-for-bootstrap-plugin-to-appear-in-a-bootstrap-modal-pop

Get User Id from Request: - https://stackoverflow.com/questions/12615154/how-to-get-the-currently-logged-in-users-user-id-in-django

Array in array: https://stackoverflow.com/questions/739942/how-to-pass-an-array-in-django-to-a-template-and-use-it-with-javascript

Multiple Choices: http://gregblogs.com/the-little-things-tlt-django-creating-a-drop-down-list-with-django/

order_by : https://stackoverflow.com/questions/9834038/django-order-by-query-set-ascending-and-descending

related name & Primary Key: https://stackoverflow.com/questions/26955319/django-reverse-accessor-clashes

List : https://bootsnipp.com/snippets/BqVdE

Multi Selection Filter: https://stackoverflow.com/questions/34451030/model-query-filtering-with-choices

——————————Server——————————
sudo ufw allow 80
pip freeze > requirements.txt
pip install -r requirements.txt

[Allowed Hosts] "*" — https://stackoverflow.com/questions/24857158/commanderror-you-must-set-settings-allowed-hosts-if-debug-is-false

[python manage.py runserver 0.0.0.0:8000] — https://stackoverflow.com/questions/2260727/how-to-access-the-local-django-webserver-from-outside-world

http://18.216.38.79:8000/pharmacy/

[Multiple Import] "from math import atan as t, degree as z" — https://stackoverflow.com/questions/29865421/how-can-i-import-multiple-items-from-a-module-and-rename-them-in-python

[Django ORM] : - https://stackoverflow.com/questions/2448978/how-to-limit-columns-returned-by-django-query