Topic: Models Part 2

Speaker: | Notebook: Health Management System Using Django



1. Unlinke using the default USER MODEL, we use the ABSTRACTUSER class, so we can customize the default USER model. Update the userauths' app MODELS.PY:

COMMON FIELDS HERE USE 'blank = True' FOR THE PURPOSE OF IMPORTING THE DATA FROM CSV FILE, so as not to break our code.

⋈					(
	EXPLORER ····	 .gitignore 	🔹 settings.py	🔹 models.py userauths 🗙	Time models.py doctor	models.py patient	models.py base
-	V HEALTH_MGT_SYSTEM	userauths > 🗇 r	nodels.py >				
Ŀ	✓ base	1 fro	om diango.db	import models			
	> _pycache_	2 fro	m diango co	ntrib auth models	import Abstra	ctllser	
	> migrations	2 110		red al cabana	Tillbol C Mosti a	ccosci	
	🍨initpy						
P.	admin.py						
	apps.py						
\$ 2	models.py						
	 tests.py vious put 						
Б	views.py	Coc	leium: Refactor	Explain			
	> nvcache	8 cla	ass User(Abst	tractUser):			
	> migrations		email = mo	dels_EmailField(u	nique=True)		
	initpy		licornamo -	models CharField	(max length=10		hlank-True)
	🔷 admin.py				(max_rengen=10	o, nuii-nue,	Diank-nuc)
	apps.py		USERNAME_F	IELD = email			
₩	models.py		REQUIRED_F	IELDS = ['usernam	e.]		
•	tests.py						
A)	views.py		Codeium: Refa	ctor Explain Generate	e Docstring ×		
	∼ hms_prj			(self):			
	> _pycache_		return	self.username			
	•nttpy	16					
Ð	 asgr.py settings ny 		Codeium: Refa	ctor l Explain l Generate	e Docstring I X		
	 urls.py 		def save(s	elf. *arøs. **kwa	rgs):		
	🔹 wsgi.py		#	nant of the emai	las username		
	✓ patient		# uses			"A" \	
	> _pycache_		email_u	username, _ = sei	T.email.spiic(@)	
	> migrations		selt.u	sername:=:emaii_u -	sername		
	_init_py	21	if sel	f.username == Non	e or self.user	name == "":	
	admin.py		se	lf.username = ema	il_username		
	apps.py		super(l	Jser, self).save(*args, **kwarg	s)	
	 models.py tests put 	Coc	leium: Generate	(Ctrl+I)			
	 views rv 	24					
	> Resource						
	> static						
	> templates						
	✓ userauths						
	> _pycache_						
	> migrations						
	initpy						
	admin.py						
	models ny						
	P tests py						
	views.pv						
	> venv						
	♦ .gitignore						

2. Update the doctor's app MODELS.PY

Work ************************************	×									P Healtl	h_Mgt_Syste
<pre></pre>		EXPLORER ····	 gitigne 	ore 🔷 settings.py	models.py userauths	models.py doctor ×	models.py patient	models.py base	🍨 admin.py base	🔹 admin.py userauths	🔷 admin.j
<pre>> static 28 / static 28 / static 29 / static 20 /</pre>	 ・ ・	DPLORER	 grigged grigged doctor > 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 23 24 25 26 27 	<pre>vee settings.py models.py > from django.db from userauths from django.ut NOTIFICATION_T ("New Appo ("Appointm) Codeium: Refactor Class Doctor(m user = mod userau image = mo fulname = mobile = m country = bio = mode specializa qualificat years_of_ee max_le created_at Codeium: Refactor </pre>	<pre>models.py userants import models import models ils import time; YPE = (intment", "New / ent Canceled", ' lexplain odels.Model): els.OneToOneFiel ths_models.User; dels.FileField(to models.CharField models.CharField(madels.</pre>	<pre> models.py doctor × as userauths_mod zone Appointment"), "Appointment Car ld(, on_delete=mode upload_to='image ld(max_length=100, d(max_length=100, nu harField(max_ler harField(max_ler class_ler harField(max_ler class_true, blank=True imeField(auto_nc ate Docstring × </pre>	<pre> models.py patient elss.CASCADE) es', blank=True, 0, null=True, bl n, null=True, bl ll=True, blank igth=100, null= gth=100, null= e) CharField(e) w_add=True) </pre>	<pre>modelspy base</pre> <pre>f modelspy base</pre> <pre>blank=True) ank=True) lank=True) True, blank=T True, blank=T</pre>	<pre>admin.py base</pre>	admin.py userautis	admin,
-44 uer_strsell,	8 0	 templates userauths _pcycache migrations _initpy admin.py admin.py models.py tests.py <litests.py< li=""> tests.py tests.py<</litests.py<>	29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44	Codeium: Refactor class Notifica doctor = m Doctor appointmen notification max_le seen = mod created_at Codeium: Refa class Meta verboss Codeium: Refa	<pre>Explain tion(models.Mode odels.ForeignKey , on_delete=mode t = models.Foreign on_type = models ngth=100, choice els.BooleanField = models.DateT: actor Explain : e_name_plural = actor Explain Gener </pre>	el): y(els.SET_NULL, nu ignKey("base.App null=True s.CharField(es=NOTIFICATION_ d(default=False) imeField(auto_not "Notification" ate Docstring ×	ull=True, blank pointment", on_ e, blank=True, TYPE) w_add=True)	=True) delete=models related_name=	.CASCADE, "doctor_appoin	ntment_notificat	tion")

3. Update the patient's app MODELS.PY

∢		\leftrightarrow \rightarrow \mathcal{P} Health_Mgt_System
	EXPLORER ····	_gitigrore
~	✓ HEALTH_MGT_SYSTEM	atient >
G	∨ base	1 from django.db import models
	> _pycache_	2 from userauths import models as userauths models
	> migrations	3 from django.utils import timezone
	admin.py	
	apps.py	5 NOTIFICATION_TYPE = (
å	🕈 models.py	6 ("Appointment Scheduled", "Appointment Scheduled"),
	 tests.py a simulation 	7 ("Appointment Canceled", "Appointment Canceled"),
ВĞ	✓ views.py	8)
	> _pycache_	
⊑ ⊘	> migrations	
	_initpy	Codeium: Refactor Explain
	e admin.py	11 class Patient(models.Model):
<u>ن</u> ه	 appspy models.py 	12 were models.OneToOneField(
	tests.py	<pre>13 userauths_models.User, on_delete=models.CASCADE)</pre>
	💠 views.py	14 image = models.FileField(upload_to='images', blank=True, null=True)
	✓ hms_prj	15fullname = models.CharField(max_length=100, null=True, blank=True)
	> _pycacne_	16 email = models.CharField(max_length=100, null=True, blank=True)
	asgi.py	<pre>17</pre>
	settings.py	<pre>18 address = models.CharField(max_length=100, null=True, blank=True)</pre>
	🔹 urls.py	19 ····email = models.CharField(max_length=100, null=True, blank=True)
	wsgi.py v. patient	<pre>20 gender = models.CharField(max_length=100, null=True, blank=True)</pre>
	> _pycache_	<pre>21 blood_group = models.CharField(max_length=100, null=True, blank=True)</pre>
	> migrations	22 wordob = models.CharField(
	initpy initpy	23
	e admin.py	<pre>24 created_at = models.DateTimeField(auto_now_add=True)</pre>
	apps.py models.py	
	🖤 tests.py	Codeium: Refactor Explain Generate Docstring $ imes$
	💠 views.py	26 ····def·_str_(self):
	> Resource	27 ···· return self.fullname
	> static > templates	
	✓ userauths	
	>pycache	Codeium: Refactor Explain
	> migrations	30 class Notification(models.Model):
	♀initpy	31 patient = models.ForeignKey(
	apps.py	32 Patient, on_delete=models.SET_NULL, null=True, blank=True)
	models.py	33 appointment = models.ForeignKey("base.Appointment", on_delete=models.CASCADE,
	tests.py	34 properties and the second sec
	views.py	35 voinotification_type = models.CharField(
	 .gitiqnore 	36max_length=100, choices=NOTIFICATION_TYPE)
	≣ db.sqlite3	37 seen = models.BooleanField(detault=False)
	🔮 manage.py	<pre>38</pre>
	⇒ requirements.txt	
		Codeum: Refactor J Explain
		40 Class Meta.
		41 Verbose_name_proval = Notification
		Codojum: Pafastar I Evalaja Constrata Doostring X
		a
8		44 book coreturn f" (self.nationt.fullname) Notification"
	> OUTLINE	45

4. Update the base's app MODELS.PY

```
×
     EXPLORER
                                                                                                  🔹 models.py base 🗙 🛛 🔹 admin.py base
                                                                                                                                🔹 admin.py
    V HEALTH_MGT_SYSTEM
Ð
     ✓ base
                         1 from django.db import models
      > __pycache__
                             from shortuuid.django_fields import ShortUUIDField
      > migrations
      🔹 __init__py
                         4 from doctor import models as doctor_models
      🔹 admin.py
      anns ny
                         5 from patient import models as patient_models
      models.py
       tests.py
      🔹 views.py
     ✓ doctor
                             class Service(models.Model):
      > __pycache__
G
                                 image = models.FileField(upload_to='images', blank=True, null=True)
      > migrations
      🔹 __init__py
                                 name = models.CharField(max length=100)
      🔹 admin.py
                                description = models.TextField(null=True, blank=True)
      apps.py
                                cost = models.DecimalField(max_digits=10, decimal_places=2)
models.py
      🔹 tests.py
                                 available_doctors = models.ManyToManyField(
      🔹 views.py
                                     doctor_models.Doctor, blank=True)
     ∨ hms_prj
      > __pycache__
      _init_py
      🔹 asgi.py
                                      return f"{self.name} - {self.cost}"
      settings.py
      🔹 urls.pv
      🔹 wsgi.py
     ✓ patient
      > __pycache__
                             class Appointment(models.Model):
      > migrations
      🔹 _init_py
      🔹 admin.py
      🔹 apps.py
                                      ('Completed', 'Completed'),
      models.py
                                      ('Pending', 'Pending'),
      tests.py
                                      ('Cancelled', 'Cancelled')
      🔹 views.py
     > Resource
     > static
     > templates
                                  service = models.ForeignKey(Service, on_delete=models.SET_NULL,
     ✓ userauths
                                                                 null=True, blank=True, related_name='service_appointments')
      > __pycache__
      > migrations
                                  doctor = models.ForeignKey(doctor_models.Doctor, on_delete=models.SET_NULL,
      🔹 _init_.py
                                                                null=True, blank=True, related_name='doctor_appointments')
      🔹 admin.py
                                  patient = models.ForeignKey(patient_models.Patient, on_delete=models.SET_NULL,
      apps.py
                                                                 null=True, blank=True, related_name='appointments_patient')
      models.py
                                 appointment date = models.DateTimeField(null=True, blank=True)
      tests.py
      🔹 views.py
                                  issues = models.TextField(blank=True, null=True)
                                  symptoms = models.TextField(blank=True, null=True)
      .gitignore
                                  appointment_id = ShortUUIDField(
     E db.sqlite3
                                      length=6, max_length=10, alphabet="1234567890")
     🔹 manage.py
     requirements.txt
                                  status = models.CharField(max_length=120, choices=STATUS)
                                      return f"{self.patient.full_name} with {self.doctor.full_name}"
```

⋈						← -			
	EXPLORER ····	 .gitignore 	e 🔷 settings.py	models.py userauths	models.py doctor	models.py patient	🔷 models.py base 🗙	🔷 admin.py base	🍨 admin.py
ъ.	✓ HEALTH_MGT_SYSTEM	base > 🔹 r	nodels.py > 🔧 Billing > 🖉	billing_id					
y	✓ base	45	class MedicalR	ecord(models.Mod	del):				
	>pycache > migrations		appointmen	t = models.Forei	gnKev(Appointme	nt. on delete=m	odels.CASCADE)	
	_initpy		diagnosis	= models.TextFie	2ld()			,	
Ъ,	🔮 admin.py		treatment	= models.TextFie	eld()				
	apps.py								
	v models.py		Codeium: Refa	actor Explain Genera	ate Docstring $ imes$				
н <mark>о</mark>	views.py		defstr_	(self)					
	✓ doctor		return	f"Medical Recor	rd for <mark>{self.a</mark> pp	ointment.patien	nt.full_name}"		
G	>pycache > migrations								
	_initpy								
	admin.py		Codeium: Refactor	Explain					
	apps.py	54	class LabTest(models.Model)					
•	models.py		appointmen	t = models.Forei	ignKey(Appointme	ent, on_delete=m	odels.CASCADE)	
	views.py		test_name	= models.CharFie	eld(max_length=2	.55)			
	∨ hms_prj		descriptio	n = models.TextF	field(blank=True	, null=True)			
	> _pycache_		result = m	odels.TextField	Diank=irue, nui	.1=True)			
	🔮initpy 🔮 asgi.pv		Codeium: Pef	octor Evolain Gener	ata Docstring I V				
Ð	settings.py		def ctr	(self).					
	🔹 urls.py		return		ame}"				
	wsgi.py								
	> _pycache_								
	> migrations		Codeium: Refactor	Explain					
	_initpy		class Prescrip	tion(models.Mode	el):				
	admin.py		appointmen	t = models.Forei	ignKey <mark>(</mark> Appointme	nt, on_delete=m	odels.CASCADE)	
	models.py		••••medication	s = models.TextF	ield(blank=True	e, null=True)			
	🔹 tests.py								
	views.py Resource		Codeium: Refa	actor Explain Genera	ate Docstring ×				
	> static		detstr_	_(self):	(()((
	> templates		return	+ Prescription	for {self.appol	.ntment.patient.	full_name}		
	✓ userauths								
	> migrations		Codeium: Refactor l	Explain					
	🔮initpy		class Billing(models.Model):					
	admin.py		patient =	models.ForeignKe	y(patient model	s.Patient, on d	elete=models.	SET NULL,	
	apps.py models.py				null=True, bl	.ank=True, rela	ted_name='bil	lings')	
	🔹 tests.py		appointmen	t = models.Forei	ignKey <mark>(</mark>				
	🔹 views.py		Appoin	tment, on_delete	e=models.CASCADE	, related_name=	billing', bl	ank=True, nul	l=True)
	> venv aitianore 		sub_total	= models.Decimal	lField(max_digit	s=10, decimal_p	laces=2)		
	≣ db.sqlite3		tax = mode	ls.DecimalField	(max_digits=10,	decimal_places=	=2)		
	manage.py		total = mo	dels.DecimalFie	ld(max_digits=10), decimal_place	25=2)		
	requirements.txt		status = m	odels.CharField	(max_length=120,	choices=[
		81			('Paid', 'Paid'), ('Unpaid', '	Unpaid)])		
		82	billing_id	= ShortUUIDFiel	la(length=6, max	_iength=10, alp	onabet="123456	7890")	
			data and	ala DataTimaria	d outo reveald	Taua			
			date = mod	eis.Datelimerie	tu(auto_now_add=	inue)			
			Codeium: Pofr	ector Evolain Gener	ate Docstring LX				
8			def str	(self):					
	> OUTLINE		return	f"Billing for	[self.patient.fu	lll_name} - Tota	l: {self.tota	1}"	
	> TIMELINE								

5. Update the ADMIN.PY

PATIENTS - ADMIN.PY



DOCTORS - ADMIN.PY

٥					÷		
=	EXPLORER	 .gitignore 	🍨 settings.py	models.py userauths	🍖 models.py doctor	models.py patient	models.py base
٦.	V HEALTH_MGT_SYSTEM	doctor > 💠 a	admin.py >				
7	∨ base	1 f	rom django.co	ntrib import adm	in		
	> _pycache_	2 f	rom doctor im	port models			
	> migrations						
0	_init_py						
- -	e admin.py						
	e apps.py	- 0	odeium: Refactor	Explain			
~	e models.py	5 c	lass DoctorAd	min(admin.ModelA	dmin):		
—	✓ tests.py		list_displ	ay = ['user', 'f	ull_name', 'spe	cialization',	
ŏ	v doctor			'qualifica	tions', 'years_	_of_experience']
_							
ø	> migrations						
_			odeium: Refactor l	Evolain			
7	w admin.py		lass Notifica	tionAdmin(admin)	ModelAdmin).		
	🔹 apps.py	10 0			rioueraumin)	Incore Lancel	14-4-17
1	🔹 models.py		list_displ	ay = ['doctor',	appointment,	type, seen	, date j
_	< tests.py						
Δ	🗇 views.py						
	∨ hms_prj	14 a	dmin.site.reg	ister(models.Doc	tor, DoctorAdmi	in)	
}	> _pycache_	15 a	dmin.site.reg	ister(models.Not	ification. Noti	ficationAdmin)	
	_init_py	16				, , , , , , , , , , , , , , , , , , , ,	
Ð	e asgi.py	10					
	e settings.py						
	🖤 uns.py						

BASE - ADMIN.PY

⊲							\leftrightarrow)	
	EXPLORER	 gitignor 	e 🗢 settings.py	models.py userauths	models.py doctor	models.py patient	🔹 models.py ba	🚥 🗢 admin.py ba
~	V HEALTH_MGT_SYSTEM	base > 🗢	admin.py > 😫 Prescription	Admin > 🖉 list_display				
G	∼ base		from django.co	ontrib import adm	in			
	> _pycache		from base impo	ort models				
	 init_ov 							
ŀ	4 admin.py		from import_ex	port.admin impor	t ImportExportM	lodelAdmin		
¢^	 models.py tests.py 		Codeium: Refactor	Explain	T-L.J_T-J			
<u>_</u>	 views.py 		class Appointm	entiniine(admin.	labulariniine):			
	✓ doctor		model = mo	dels.Appointment				
G	> _pycache		extra = 1	l Fueleie				
	> migrations		class Medical	ecordInline(admi	n TabularInline			
	 admin.py 		model = mo	dels.MedicalReco	rd	.).		
	apps.py		extra = 1	acis incarcaineco				
٠	models.py		Codeium: Refactor	Explain				
	 tests.py views.pv 	12	class LabTestI	nline(admin.Tabu	larInline):			
	∨ hms_prj		model = mo	dels.LabTest				
	> _pycache_	14	extra = 1					
	•initpy		Codeium: Refactor	Explain				
۲	 asgupy settings.ov 		class Prescrip	tionInline(admin	.TabularInline)	:		
	🗢 urls.py		• • • model = • mo	dels.Prescriptio	n			
	🗢 wsgi.py		extra = 1					
	✓ patient		Codeium: Refactor	Explain				
	> _pycacne		class BillingI	nline(admin.Tabu	larInline)			
	 initpy 		<pre>model = mo</pre>	dels.Billing				
	admin.py	20	extra = 1					
	apps.py		Codeium: Refactor	Explain				
	 models.py tests.py 		class ServiceA	dmin(ImportExpor	tModelAdmin)			
	views.py		11st_01sp1	ay = ['name', 'c	ost j			
	> Resource		search_fie	eids = ['name', '	description j			
	> static		+11ter_nor	'1ZONTAL = ['aval	lable_doctors.			
	✓ userauths		class Appoints	entAdmin(admin M	odelAdmin).			
	> _pycache_		list disnl	av.=.['natient'	'doctor' 'ann	ointment date	' .'status'	1
	> migrations		search fie	lds = ['natient	username'. 'do	otor user us	sername'l	J
	 _init_py >dmin.pv 		inlines =	[MedicalRecordIn	line.labTestIn	line.		
	 apps.py 		x	PrescriptionInl	ine. BillingInl	inel		
	models.py		Codeium: Refactor	Explain				
	tests.py		class MedicalR	RecordAdmin(admin	.ModelAdmin):			
	♥ views.py		list_displ	.ay = ['appointme	nt', 'diagnosis	;']		
	gitignore		Codeium: Refactor	Explain				
	₽ db.sqlite3		<pre>class LabTestA</pre>	dmin(admin.Model	Admin):			
	manage.py		list_displ	.ay = ['appointme	nt', 'test_name	:']		
	 requirements.txt 		Codeium: Refactor	Explain				
		34	class Prescrip	tionAdmin(admin.	ModelAdmin)			
		35	list_displ	lay = ['appointme	nt', 'medicatio	ons']		
			Codeium: Refactor	Explain	۸			
			Class billingA	amin(admin.Model	Admin):	ucl		
			list_dispi	ay - pacient,	totar, stat	uate j		
			admin site rea	vister(models Ser	vice ServiceAd	(min)		
			admin.site.reg	vister(models.App	ointment Annoi	ntmentAdmin)		
		41	admin.site.reg	vister(models.Med	icalRecord Med	licalRecordAdmi	in)	
		42	admin.site.reg	ister(models.Lab	Test, LabTestAd	lmin)		
			admin.site.reg	ister(models.Pre	scription, Pres	criptionAdmin))	
			admin.site.reg	ister(models.Bil	ling, BillingAd	lmin)		

6. We commented out PATIENTS AND DOCTORS and BASE MODELS.PY AND ADMIN.PY and ran migrations app by app, so as not to have dependency conflict (CIRCULAR DEPENDENCY i.e. doctor is dependent to base, base is dependent to doctor.)

7. We first did our makemigrations and migrate command on USERAUTHS. It was causing us an error, so we removed the SQLITE and everything in the MIGRATIONS folder of USERAUTHS EXCEPT THE __init__.py

1. Reset the SQLite database (Optional)

If your project is new and you don't have any important data in your database, you can delete the db.sqlite3 file and the migrations files in each of your apps (in the migrations folder, excluding the __init__.py file), and then rerun the migrations. Here's how:

Delete db.sqlite3:



 Delete migration files: Go into each app's migrations/ folder and delete all migration files except __init__.py .

Steps to Clean Up Migrations

- 1. Delete Migration Files:
 - Go into each app's migrations/ folder.
 - Delete all migration files except for __init__.py .
- 2. Delete __pycache__ Folder:
 - Inside each app's migrations/ folder, delete the __pycache__ folder if it exists.
- 3. Delete the Database:
 - If you're starting fresh and don't need any data, delete db.sqlite3.

4. Rerun Migrations:

After cleaning up, run:



We run our migrations and USERAUTHS model works now. We then add our migrations on BASE app.

×		$\leftarrow \rightarrow$ \bigcirc Health_Mgt_System
	EXPLORER ···	🔹 settings.py 🔹 models.py 🔹 admin.py 🗙
ብ	\sim HEALTH_MGT_SYSTEM	base > 🌵 admin.py
Ŀ	∨ base	2 # from base import models > patient
	> _pycache_	3 # # Register your models here.
	> migrations	4 # from import export.admin import ImportExportMo
90	_initpy	
P	e admin.py	6 #.class.AppointmentInline(admin TabulanInline);
	apps.py	7 #
8	tests.py	7 # moael = moaels.Appointment
-0	views.py	8 # extra = 1
Ш	> doctor	9
	> HMS_main	10 # class MedicalRecordInline(admin.TabularInline)
L⊘	> patient	<pre>11 # model = models.MedicalRecord</pre>
	> Resource	12 # extra = 1
A	> static	
atha.	> templates	
•	✓ userauths	$14 \# \ (\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $
	> _pycacne_	PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS AZURE COMMENTS
A 7	> migrations	
	<pre>init .py</pre>	• \$ rm db.sqlite3
	0001 initial.py	Rosilie@DELL_MINGW64_C:/Users/Rosilie/AppData/Local/Programs/Microsoft_VS_Code
	🍨initpy	\$ python manage.py makemigrations userauths
Ð	🍨 admin.py	Migrations for 'userauths': userauths\migrations\0001 initial.pv
	🍨 apps.py	- Create model User
	models.py	
	tests.py	<pre>\$ python manage.py migrate userauths</pre>
	🔹 views.py	Operations to perform:
	> venv E db salite3	Apply all migrations: userauths
	manage.pv	Applying contenttypes.0001 initial OK
	F requirements.txt	Applying contenttypes.0002_remove_content_type_name OK
		Applying auth.0001_initial OK
		Applying auth.0002_aiter_permission_name_max_length UK 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 UK Applying auth.0007 alter validators add error messages OK
		Applying auth.0008_alter_user_username_max_length OK
Ø		Applying auth.0009_alter_user_last_name_max_length OK
0		Applying auth.0010_alter_group_name_max_length OK
\$63	> OUTLINE	Applying auth.0012_alter_user_first_name_max_length OK
~U~	> TIMELINE	Applying userauths.0001 initial OK

Since we commented out DOCTORS AND PATIENT model.py and admin.py, We undo this and execute our migrations next on them.



We then remove the commented lines in our BASE APP\MODELS.PY



We then run the general migrations for all the default models of Django project.



Create a new superuser now.

Run the server again and use the email as the login credentials. This Login interface shows up instead.





When you remove the comments around ADMIN.PY of BASE, PATIENT, DOCTOR, the ADMIN DASHBOARD now looks like this:

← → C (i) http://127.0.0.1:80	000/admin/				
RNL HealthCare	E				
e mildevsolutions	Dashboard Home > Dashboard				
Base	Base		Doctor		Recent actions
Appointments	Appointments	Add Change	Doctors	Add Change	Trone available
Billings	Billings	Add Change	Notification	Add Change	
 Lab tests Medical records 	Lab tests	Add Change			
Prescriptions	Medical records	Add Change	Patient		
Services	Prescriptions	Add Change	Notification	Add Change	
Authentication and Authorization	Services	Add Change	Patients	Add Change	
📲 Groups	Authoritication and Authoritation				
Doctor	Authentication and Authonzation				
Doctors	Groups	Add Change			
Notification					
Patient					
Notification					
Patients					

When you open the model like SERVICE, its interface shall be:

RNL HealthCare	≣		
e mldevsolutions	Services Home > Ba	ase > Services > Add service	
Dashboard			
Base	Image	Choose File No file chosen	
Appointments	Name *		
Billings	Description		
Lab tests			
Medical records			
Prescriptions			
Services			
Authentication and Authorization			,
📽 Groups	Cost *		
Doctor	Available doctors	+	
Doctors		Available available doctors	Chosen available doctors
Notification		Filter	Filter
Patient		^	A
Notification		e	
Patients			

Copyright © Personal Digital Notebooks | By Rosilie | Date Printed: Aug. 9, 2025, 2:11 p.m.