

Debugging





Appintment Module

- Database Bug :
 - **Problem Face** : unable to add new column in the database form not allowing the database to be created since there are previous data in the form [will not be able to fix this problem, if all data is deleted]

```
C:\OTHER\pgms>python manage.py makemigrations
Did you rename appointment.created_at to appointment.date (a DateField)? [y/N] y
You are trying to add a non-nullable field 'time' to appointment without a default; we can't
do that (the database needs something to populate existing rows).
Please select a fix:
 1) Provide a one-off default now (will be set on all existing rows with a null value for th
is column)
 2) Quit, and let me add a default in models.py
Select an option: 2
C:\OTHER\pgms>
```

- **Debugging Process** : i tried deleting the database, but the the problem persist, so i tried to delete the cache(which could save some information regarding the database) from the main project folder, the module involved and the migration file and the python file (which could initialize the file with the database information). This process solve the problem as the the any information regarding the database was deleted. All that's left was to recreate the database all over again (since i deleted it)

Deleting Database:

	pgms	1/9/2
	Transaction	8/9/2
	uploaded_files	8/9/2
<input checked="" type="checkbox"/>	db.sqlite3	10/9/
	manage.py	31/7/

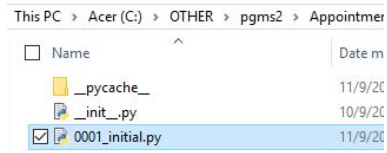
Deleting Cache:

This PC > Acer (C:) > OTHER > pgms2 > pgms2 > __pyc		
<input type="checkbox"/>	Name	Date modif
<input checked="" type="checkbox"/>	__init__.cpython-36.pyc	11/9/2017 1
<input checked="" type="checkbox"/>	settings.cpython-36.pyc	11/9/2017 1
<input checked="" type="checkbox"/>	urls.cpython-36.pyc	11/9/2017 1
<input checked="" type="checkbox"/>	wsgi.cpython-36.pyc	11/9/2017 1

This PC > Acer (C:) > OTHER > pgms2 > Appointment > n		
<input type="checkbox"/>	Name	Date modified
<input checked="" type="checkbox"/>	__init__.cpython-36.pyc	11/9/2017 12:3
<input checked="" type="checkbox"/>	0001_initial.cpython-36.pyc	11/9/2017 12:3

This PC > Acer (C:) > OTHER > pgms2 > Appointment > __pyc		
<input type="checkbox"/>	Name	Date modified
<input checked="" type="checkbox"/>	__init__.cpython-36.pyc	11/9/2017 12:36 AM
<input checked="" type="checkbox"/>	admin.cpython-36.pyc	11/9/2017 12:36 AM
<input checked="" type="checkbox"/>	apps.cpython-36.pyc	11/9/2017 12:36 AM
<input checked="" type="checkbox"/>	forms.cpython-36.pyc	11/9/2017 12:36 AM
<input checked="" type="checkbox"/>	models.cpython-36.pyc	11/9/2017 2:52 PM
<input checked="" type="checkbox"/>	urls.cpython-36.pyc	11/9/2017 12:36 AM
<input checked="" type="checkbox"/>	views.cpython-36.pyc	11/9/2017 12:40 AM

Deleting the python file associated with database:



- **Timestamp Bug:**

- **Problem Face:** the field input for timestamp in default format is “2015-10-16 16:00:00” making data input inconvenient as the user will need to input in a single field, However, creating two input field for timestamp creates problem(unable to save in the database) as it is not in a single field(it is possible to do so, but i wasn't able to find out how).

2015-10-15 16:24:53.

- **Debugging Process:** At the end, i wound up using two separate column for date and time column in the database.