Consider using Notion to journal my progress, but will stick to a Word document.

Downloaded to my PC and opened folder in VS Code. (considered using PyCharm to match Nomio).

Made virtual env and installed requirements.txt. Runserver and all ok. Migrated migrations and all ok.

Created superuser username: Lucas, password joshjonny

Publish to private Github repo. Create develop branch and synch to VS Code.

Logged in from Nomio landing page all good.

Ran python manage.py test - 3 tests pass.

Installed coverage and added setup.cfg and cvrg.bat file for easier implementation.

Coverage results below:

manage.py 12 2 2 1 79% 12-13, 21->exit

nomio\asgi.py 4 4 0 0 0% 10-16

nomio\documents\apps.py 4 4 0 0 0% 1-6

nomio\landing\apps.py 3 3 0 0 0% 1-5

nomio\wsgi.py 4 4 0 0 0% 10-16

---------------------------------------------------------------------

TOTAL 76 17 2 1 77%

Rough Plan

Create a model with fields for files, date uploaded, user, (category).

Use a generic.ListView to list the files for one user. Include pagination. Optional extras: user can choose how to order the files. User can choose to display lists of files by their chosen category. The template will include a link to an upload file page, or it could be included on the same page.

Tackle the download file feature last, as it should be easiest to implement.

Created LegalDoc class in documents.models.py with doc field as a FileField. Set to upload direct to media directory in project root directory and changed nomio.urls.py and added MEDIA\_ROOT and MEDIA-URL to nomio.settings.py.

Add nomio.models.py file and add LegalDoc model. Add nomio.admin.py and register LegalDocAdmin class.

Add doc, user and up\_date fields to LegalDoc model, and \_\_str\_\_method. Tests written, all pass and coverage below:

Name Stmts Miss Branch BrPart Cover Missing

-----------------------------------------------------------

manage.py 12 2 2 1 79% 12-13, 21->exit

nomio\asgi.py 4 4 0 0 0% 10-16

nomio\wsgi.py 4 4 0 0 0% 10-16

-----------------------------------------------------------

TOTAL 138 10 4 1 92%

Added username Test, password testpassword. Added some images in admin all good.

Pull request to synchronise develop and main branch on repo.

Create a list view which inherits from generic.ListView. Forgot to add as\_view() in url patterns in documents.urls. Rectified.

Error with template name - rectified. My list view is now pointing to the correct and sending it all the data needed. Need to consider filtering by authenticated user either in the template or in the view query set (more likely).

Added template from tutorial and adjusted to take my data from my list view. Template renders all good.

Coverage deems documents.views.py to be tested 100%, which is strange (haven’t written tests for it yet). Need to investigate. I am sometimes writing tests AFTER the code they tests; need to reflect on this part of my workflow.

Name Stmts Miss Branch BrPart Cover Missing

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manage.py 12 2 2 1 79% 12-13, 21->exit

nomio\\_\_init\_\_.py 0 0 0 0 100%

nomio\asgi.py 4 4 0 0 0% 10-16

nomio\documents\\_\_init\_\_.py 0 0 0 0 100%

nomio\documents\admin.py 5 0 2 0 100%

nomio\documents\apps.py 4 0 0 0 100%

nomio\documents\migrations\0001\_initial.py 5 0 0 0 100%

nomio\documents\migrations\0002\_auto\_20210608\_1159.py 6 0 0 0 100%

nomio\documents\migrations\\_\_init\_\_.py 0 0 0 0 100%

nomio\documents\models.py 8 0 0 0 100%

nomio\documents\tests.py 34 0 0 0 100%

nomio\documents\urls.py 3 0 0 0 100%

nomio\documents\views.py 11 0 0 0 100%

nomio\landing\\_\_init\_\_.py 0 0 0 0 100%

nomio\landing\apps.py 3 0 0 0 100%

nomio\landing\tests.py 13 0 0 0 100%

nomio\landing\urls.py 3 0 0 0 100%

nomio\settings.py 24 0 0 0 100%

nomio\urls.py 6 0 0 0 100%

nomio\wsgi.py 4 4 0 0 0% 10-16

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TOTAL 145 10 4 1 93%

Forgot to update .gitignore when I created rep on Github. Updated it now.

Things to consider:

Using Class meta: verbose\_name\_plural = “plurals” to make Django pluralise the name properly.

Consider the BASE\_DIR, TEMPLATE\_DIR and STATIC\_DIR settings in settings.py.

Consider the urls.py file in root directory - might need to add a static/media file setting here.

How to validate file uploads for security reasons.

Make admin prettier.

Add user field to LegalDoc model.

Consider style and check guidance on import orders

Use LoginMixin for my list view

Solve pagination ordering issue.

Update requirements.txt

Use Unittest addCleanup() in tests or in SetUp to delete all my test files after testing. Or use utils rmtree. Do I need to create actual files?