

CS 3240 - F21 / Guided Practice J: Project Licenses

Instructions:

- Complete this guided practice during lecture on Tuesday, November 30, or outside of class.
- **For this Guided Practice, you must work with members of your team! Your team can submit just one guided practice for all of you or can split your team into smaller groups if you want, but you MAY NOT work with anyone that is not a member of your project team!**
- You must submit a PDF of this GP into Gradescope by 11:59 PM, Wednesday, December 1.
- Make sure to select the pages with the answers to the questions!
- If you work in a group of two or three, one person should submit the GP to Gradescope and then use the “View or edit group” option on the right side of the screen to select the other members of your team.

Your Team ID:

A-21

Herokuapp URL of your project:

a-21-assignment-organizer.herokuapp.com

Find the licenses of the major libraries, frameworks, and packages you used in your project. List those libraries, frameworks, and packages with their licenses below (add rows as needed, Django has been done for you):

Library / Framework	License	URL where information was found
Django	BSD-3	https://github.com/django/django/blob/master/LICENSE
gunicorn	MIT	https://github.com/benoitc/gunicorn/blob/master/LICENSE
django-heroku	BSD-3	https://github.com/heroku/django-heroku/blob/master/LICENSE
django-bootstrap-5	BSD-3	https://pypi.org/project/django-bootstrap5/LICENSE
django-rest-auth	MIT	https://github.com/Tivix/django-rest-auth/blob/master/LICENSE
django-allauth	MIT	https://github.com/pennersr/django-allauth/blob/master/LICENSE
whitenoise	MIT	https://github.com/evansd/whitenoise/blob/master/LICENSE
dj-database-url	BSD-2	https://github.com/jacobian/dj-database-url/blob/master/LICENSE
psycpg2	LGPL	https://github.com/psycpg/psycpg/blob/master/LICENSE.txt
google-api-python-client	Apache 2.0	https://github.com/googleapis/google-api-python-client/blob/main/LICENSE

google-auth-http2	Apache 2.0	https://github.com/GoogleCloudPlatform/google-auth-library-python/blob/master/LICENSE
google-auth-oauthlib	Apache 2.0	https://github.com/googleapis/google-auth-library-python-oauthlib/blob/main/LICENSE
django-bootstrap-v5	BSD-3	https://pypi.org/project/django-bootstrap-v5/LICENSE
mockito	MIT	https://github.com/kaste/mockito-python/blob/master/LICENSE
django-picklefield	MIT	https://github.com/gintas/django-picklefield/blob/master/LICENSE
schedule	MIT	https://github.com/dbader/schedule/blob/master/LICENSE.txt
django-daemon-command	Public Domain	https://pypi.org/project/django-daemon-command/#data
django-crispy-forms	MIT	https://github.com/django-crispy-forms/django-crispy-forms/blob/main/LICENSE.txt
django-filter	BSD	https://github.com/carltongibson/django-filter/blob/main/LICENSE https://pypi.org/project/django-filter/#data

Now, with that information in mind, what license would you release your project under and why?

None of these licenses are copyleft licenses. MIT and BSD are very permissive licenses, 'public domain' is as permissive as one can get. Apache 2.0 is also very permissive, only putting slight restrictions on the naming conventions of an application, and adding some terms about patent information. LGPL is the most strict license here, and it still is very permissive. The most important extra restriction added is that if any LGPL library is modified, in this case, only psycopg2, then it must be released open source, but the rest of the project can be kept closed source. All of these licenses are compatible, and each one allows proprietary, commercial, open source, or closed source use.

I would likely make my project go under the Apache 2.0 license. This license is very permissible, it is compatible with all the other licenses, and it can be used for commercial, proprietary, closed, or open source use. The benefit of this license is that it explicitly defines patent behavior for the project, where other permissive licenses like MIT or BSD make no mention of this.

How will this affect how others potentially use (or not use) your code?

Apache 2.0 is a very permissive license. The software we create under this license can be used for almost anything, as long as their naming conventions do not state that they are in any way associated with Apache. They must, however, have a license. A few of the licenses used in the libraries for this

project, for instance, the MIT, BSD, and Apache 2.0 license, require that derivative works also contain their copyright information. Other than that, any developer using this work licensed under Apache 2.0 can leave their own project open or closed source, it can be proprietary, or used for commercial use.