

Database eksamensopgave - Online Marketplace

GitHub Link

<https://github.com/Peter537/Soft1-DB-Eksamensopgave>

Group

- Oskar (Ossi-1337, cph-oo221)
- Peter (Peter537, cph-pa153)
- Yusuf (StylizedAce, cph-ya56)

Documentation

We have created:

- a Synopsis located in [synopsis.md](#)
- a Conceptual Database Design located in [conceptual diagram.md](#)
- a Project Requirements document which includes a glossary, categories of users, functional and non-functional requirements, use-case diagram, and acceptance criterias in [project-requirements.md](#)
- a description of the databases used in the project in [databases.md](#)
- a flow plan for the website of the project in [flowplan.md](#)

Setup

1. Setup PostgreSQL, MongoDB, and Redis. See [docker-files/README.md](#) for instructions if you don't have it set up already.
2. Install Python and the required packages. This project has been tested with Python 3.11.9 on a Python Virtual Environment (`python -m venv venv`). The required packages are listed in the [requirements.txt](#) file, and can be installed using pip (`pip install -r requirements.txt`).
3. Populate the databases with the provided script in [database-fill-scripts/script_runner.py](#). This script will populate the PostgreSQL database with users and the MongoDB database with Products. You can run the script by executing `python database-fill-scripts/script_runner.py` in the terminal.
4. Run the Streamlit application by executing `streamlit run src/app.py` in the terminal.