Database eksamensopgave - Online Marketplace

GitHub Link

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

Group

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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 script_runner.py` in the terminal from the database-fill-scripts directory (Currently, this is the only way, since we use relative paths in the code).
4. Run the Streamlit application by executing `streamlit run src/app.py` in the terminal.