Design

1. The elastic search instance along with the flask app are all dockerized together for easy and rapid communication between the two services.

2. Parsing, Modelling, and Generating embedding for the legal documents are executed before running docker to speed up the process when spinning up the container.

3. Addition of a script to execute commands in the docker container seconds after establishing an elastic search instance. This ensures the instance is available for the flask application to retrieve passages and index documents to the instance.

4. Legal Files are not included when containerising: relevant information would have been extracted and processed into passage_metadata.csv and passage_metadata_emb.csv files

5. Configuration for various deployment was designed to be set in custom .env by users when installing and running the project to avoid a generic configuration.