

General Idea

We will use Flask to add the necessary functionality to our frontend and connect the frontend and backend. Finally we will use Postgres to store our data.

Frontend

We created two HTML-files, where the user may input his data:

index.html

This is the input form for the manual Input.

upload.html

This is the input form for the XML-upload.

Backend

In the next step, we must gather the information input by our users. We do this in

views.py

For the manual input, there are two important variables: **data**, this is the user input from the frontend and **user_feedback**, this is the feedback given to the user, whenever his input wasn't as expected. Finally, if there is no user_feedback, we may add the data to our database.

Unfortunately, the mass upload does not work yet as I could not convert the .xml format.

Database

The database was set up in Postgres with pgAdmin 4 with the given parameters.

Unfortunately, I did spend too much time with the mass upload and therefore did not correctly assign the primary keys in contact_id to be automatically generated.