“Whatsapp 2.0” Message App Technical Architecture

Team:

Sandro Marussich: Project Manager, Front-end Developer

Camilla Giaccari: Project Manager, Front-end Developer

Lorenzo Giaccari: Project Manager, Back-end Developer

Implementation Details:

* csv:
  + logChat.csv
  + utenti.csv
* Login.py (main file to be run)
* pages:
  + chatroom.py
  + usermanager.py
* README.md
* save: (directory with unused prototype files)
  + gestoreMessaggi.py
  + messaggi.csv
  + visualizzaMessaggi.csv

Technologies:

We use .csv files as databases and Python with Streamlit for the programming side.

System Design Decisions:

Monolithic design with back-end and front-end of login in the same file (login.py) and back-end and front-end of chatroom in the same file (chatroom.py). Back-end and front-end of the User Manager page in the same file (usermanager.py)