INSTITUTO POLITÉCNICO DE LISBOA
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PostChat
"Bring Back Postcards"

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Report

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1 Introduction

PostChat is an innovative Android app that aims to bring back the charm of postcards and bridge the gap between the older and younger generations through the use of modern technology. The app serves as a platform that enables users to create, personalize, and send digital postcards to their loved ones.

2 Project Structure

The project is structured and maintained in GitHub: https://github.com/ACRae/PostChat
    Files in the repository are organized in folders with simple and identifiable names.

- ai/htr - Contains the htr component;

- backend - Contains the back-end component. The Web API;

- frontend - Contains the front-end component. The Android Application;

- docs - Contains the Documentation for the whole project.

    All components are meant to be running in docker. Docker files will be provided later.

3 Requirements

- Java 17;

- Python 3.10.11;

- PostgreSQL 15.

4 Running the components

- HTR - Go to ai/htr/src and run python main.py –source ¡png file path¿;

- Web API - At the moment there is no java package or docker file but will be available in the final presentation;

- Android App - There will be available an apk running local operations (independent from the Web API).