Flutter

Flutter was designed by Google for designing high quality apps for Android and iOS, using a single code base. Used by many big online companies like Google Ads, Greentea and Alibaba, Flutter can provide support for the HAPIS program with apps that help the homeless through the kindness of the world-wide users.

I think that by combining Flutter and Google Maps we can develop an mobile app with an Instagram interface, where people in need will be provided with an page custom made by the HAPIS team or the users.

Depending on the needs of the person, the page will contain clothes, jobs, shelters or food, next to an accomplishing percentage tab, as well as a map made with Google Maps support where these people can be found in a shelter or where a station, that can find them easier, is located.

https://flutter.io/

JavaScript

JavaScript can be used for making the app more interactive with the users. With animations for buttons, pages and data visualisers, HAPIS can create an attractive environment for the user.

https://www.javascript.com/

Python

Python can be used for data processing. Because the app might use informations about statuses, percentages, it will be nice to have a way to self-update data.

https://www.python.org/

PHP

PHP can be used for acting like a filter in the HAPIS app. The language will perceive input from the user (name, phone number, their intention to help homeless people) and output another type of data (contact informations, tips, and steps). PHP can also be used to save users accounts and the ways they helped in the past.

http://php.net/