Apoyo is a malnutrition tracking service built for Honduras. Malnutrition is a significant issue in Honduras, 23% of children under 5 have shown signs of stunting. This system is designed to streamline the process of having malnutrition data updated, and to allow researchers to look at the data quickly and easily. The system consists of an application made for local Community Health Workers to be able to input the weight and height data of their patients, and a web application where the rates of malnutrition can be viewed.

Honduras does not have a high level of internet or mobile data penetration, particularly in rural areas where the poverty and malnutrition rate is higher. For this reason, the application was designed to allow for logging to take place locally if necessary. The patients' data can be input without the use of mobile coverage and then when a volunteer is in an area that has internet access, the rates of malnutrition can be uploaded to the MongoDB database in bulk.

The code for the project can be found on our github repository [here](). The backend is fully completed and tested with a (ExpressJS + MongoDB) running in docker. The front-end code is not fully developed but the structure and ideas could be developed upon in the future.

We would also hope to improve other aspects of the code, such as how malnutrition is measured, as well as learn from what we've done if they want to make projects of their own in a similar vein.