



Krisis Kontrol Information Kiosk

By Group 7

Github Repo: <https://github.com/brianlunch/Group-Design-Project>

Our project goal was to develop an application that will allow access to crucial information for the victims of crisis when in need.

Our application, Krisis Kontrol, provides a number of features that will assist the users quickly and reliably no matter when and where they are. The application focuses on the Philippines as they are one of the most vulnerable countries to natural disasters. The name was adopted from the Filipino translation of Crisis Control.

The features within the app are a news page that displays the latest news stories, an information page that informs the user about the current crises and a map page that shows the user points of interest and links with google maps for directions. Each feature can be accessed offline apart from the Google Maps direction linking.

We use a Google sheets workbook as a database, to allow Trocaire workers to update the application in a program they are familiar with. It allows them to quickly add items to the app without technical expertise thus saving trocaire time and money when wanting to update the application.

The Google Sheets can be used to list the current crises, which affects the news stories, the information displayed and the points of interest on the map. The Google Sheets can also be used to update the information on the information page and to add points of interest to the map.

Krisis Kontrol was implemented using Ionic React, so it is deployable to both Android and IOS which make up 99% of the phones used in the Philippines.

The handover will consist of the two code bundles (android and IOS applications) and handing over access to the Google Sheets workbook. We will also provide documentation on how to use the Google Sheets and a walkthrough via zoom.