

SOFTWARE DEVELOPER

GOBIERNO REGIONAL HUÁNUCO

Development of a management system for the Regional Emergency Operations Center (COER) with Geolocation.

I developed the project from scratch with the MVC pattern, designed the database and used balsamic mockups for page design.

I integrated google maps endpoints to capture the coordinates, draw an area and more.

For real time data update I used ajax.

NEEDS TO SOLVE:

The Regional Emergency Operations Center Area needed to record all the data on the events that

occurred, number of injuries, place of event, affected areas, etc., in order to have a history and also communicate through a portal to the community. As a solution, the following was proposed: Develop two systems, one for the management of data loading which would be used by the employees of the area where they can generate reports and upload the data according to the coordinates implementing google maps. And the other where the community can access and see on the map all the emergencies of the day and depending on the filter generated (by week, month, year), differentiating with different icons according to what happened (huaycos, earthquakes, floods, fires, etc.)

Languages and frameworks used:

- PHP
- MySQL
- JS
- Google Maps API

