Seismic Alerter (Spanish: Alertador sismico)

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There is still not the technology to predict seismic movement, but we can anticipate to this kind of events. Our project aims was to alert several seconds in advance, and as a consequence helping to diminish the natural disaster´s effect, such as earthquakes, This is very useful in a country that is on the tectonic fault (Nazca and Antarctic Plate) and that regularly suffer from these episodes seismic. For this we create a platform consisting of hardware (seismograph), as a means of communication, which have a line of Internet and a computer acting as a server alerts. In addition, we build an Android application to receive these alerts, then it makes tracking user state once it ends and we can manage the information that will be sendt to relevant Emergency/Disaster Management agencies.

Awards Won:
Oracle Academy: Award of $5,000 for outstanding project in the systems software category.