



## Proposal: “CS-Peru”



**Signatories:** IFMSA-Peru Teams

**Challenge:** Sustainable development

**Topic:** SDG 3 & 9

*Acknowledging that* in March of 2020, as the coronavirus started spreading worldwide, a large cross-functional team at Oracle built the Therapeutic Learning System (TLS) to track the efficacy of treatments then in the early stages of development,

*Keeping in mind that* Oracle was useful to help healthcare providers gather data from patients being treated and track their status as they proceeded through various regimens and shared with U.S. health officials to help them make better-informed decisions about coronavirus therapies,

*Reaffirming* our commitment to find applications used by patients to enter their health status as well as clinicians and physicians to track the efficacy of treatments for coronavirus,

*Recognising* the importance to establish a fair health system in our country with accessibility for everyone in order to ensure people's rights,

*Deeply concerned in* the development of the SD 3 & 9,

The purpose of this project is to be able to serve as a help resource for health professionals and for the Peruvian population in General. In the same way, within the framework of the Sustainable Development Goals, it is evident as an improvement action against SDG3, which is Health and well-being, since within the goals is the power to streng the capacity of countries, especially those in path of development as our nation, also to be able to improve the adequate organization by each region of the various diseases will contribute to the reductions of search time and therefore the care more effective and even somo deaths from rare diseases can be prevented.

The use of technologies was a very important pillar in the fight against the pandemic, however in Peru this tool is not widely used or is not given due importance. That is why many opportunities for change are left aside by not using it. Our project “CS-Peru” is related to objective 9 that seeks to innovate in the use of information as well as the formation of structures. We seek to provide an innovative solution that allows us to help at a health level as well as create a communications infrastructure that is viable, simple and effective.

Also, this project takes action against SDG 9, since one of its goals is the increase of technologies and scientific research always for the benefit of society it is fulfilled within the proposal since the development of this database implies the use of new technologies and scientific research because it



makes use of true information, this in favor of improving our country in terms of quality of health service, making it more equitable for the different parts of our country.

Target:

- Develop a database management system of the different diseases by each region of our country in a simple, educational and effective way.

Audience who are the beneficiaries

After an analysis of our the development of database management system and the possible actors who can benefit of our project are, we can conclude:

- The population of Peru: Our database will allow you to know the health situation in your region as well as to evaluate the decisions regarding a disease in a certain region.
- Healthcare professionals: Having control over the situation would prevent health professionals from traveling to the same city to learn and know about the health reality in each region.
- Actors of decisions: Governmental authorities like the president, ministers, in the development of decision-making, they can have easy and simple access to information that will help them when they make decisions for the community.

The project consists of data about the current situation of endemic diseases of each region from Perú, the same which will be used by healthcare providers in order to support their knowledge, decision making and so on. This database could be used as well by patients or the population in general. Furthermore, the data will be obtained from local universities' repositories and journals, looking forward to getting access from those like MEDLINE or Embase.

Healthcare providers will be able to filter the data by the region and its proper settings where they are and search information related to those diseases common in that place, such as etiology, risk factors, epidemiology, treatment, etc. Its interface and management system will be useful to reach an adequate contextualization of the disease they're treating.