SUSTAINABLE DEVELOPMENT GOALS
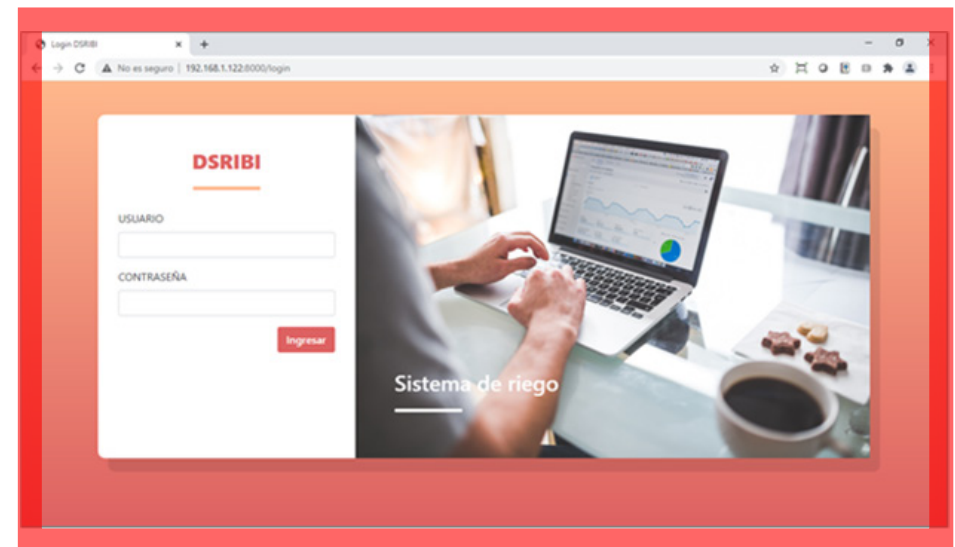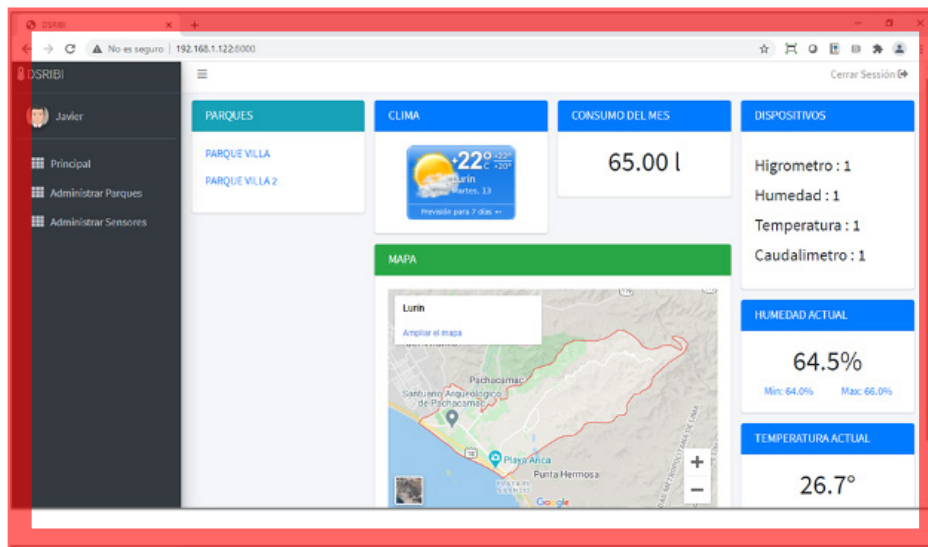

11 SUSTAINABLE CITIES AND COMMUNITIES

Intelligent Irrigation System based on the IOT for the Municipality of Lurín

This project was developed by students of the Systems Engineering Program for Working Adults (EPE) and consisted of providing an intelligent irrigation system for the Municipality of Lurín based on IOT (Internet Of Things) devices in charge of measuring temperature and humidity.

Depending on these values, the necessary irrigation in parks and green areas of the district would be carried out, thus reducing the use of drinking water during irrigation.

Model of an Early Warning System for Rain in Chosica

This project was carried out by students of the Software Engineering Program is consisted of the proposal of an early warning system for rain in the District of Chosica to be implemented by organizations such as INDECI, the municipality or other organizations considering the development of the administrator application, client application and sensor system.

The objective of the project was to provide the inhabitants of the district with early warnings about rain that may cause other disasters such as floods, landslides, etc.