In the Technological University of Nezahualcóyotl, a professional internship is requested in a company of the sector in which a project will be implemented, this project is called "Sistema Web Oxilive", identified as: "SWOE", developed in the company Oxilive S.A. de C.V., located in C. 12 #14, Estado de México, 57210 Cdad. Nezahualcóyotl, Méx.

The company in question needs to continue with the project aimed at managing and automating the information handled, with a particular focus on the "Nursing" and "Call Center" departments. The initiative aims to implement significant improvements to optimize the daily work of the staff working in these departments.

In order to carry out the gestation of the project, the technological tools that will allow the development of the system have been selected through various analyses. Laragon 6.0 will be used as a local server for testing the system, while PHP 8 will be the main programming language. The latter will be supported by complementary technologies such as HTML5, CSS3, JavaScript, JSON and Bootstrap 5.2.1, which will play a key role in the design of the system. In addition, MySQL will be used as the database management system and Composer 2.6.5 will be used to manage the libraries within the system.

The implementation of these technologies is intended to provide a stable and efficient platform that will enable the company's staff to carry out the processes of the above departments in a more effective manner. It is expected that upon completion of the modules required for the project, staff will experience immediate benefits in terms of operational efficiency, cost reduction and time optimization.