



# ESPE

UNIVERSIDAD DE LAS FUERZAS ARMADAS  
INNOVACIÓN PARA LA EXCELENCIA

**COMPUTER SCIENCE  
DEPARTMENT  
INFORMATION TECHNOLOGY  
ENGINEERING**

**FUNDAMENTALS OF WEB  
SYSTEMS**

**NRC: 4628**

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## **Problem**

A stationery store located in the south of Quito has been our problem to solve because the owner of said business whom we have interviewed has told us that she wants to take her work through a web page in order to provide better services to her clientele and so they can find out about promotions of their products in such a way that their customers can observe them from anywhere, with the purpose that they can know about the availability of the products that are offered.

## **Solution**

The solution that we have considered is to design a page that allows registering all the products that the stationery store has at its disposal in an orderly and dynamic way, taking into account the requirements that the client wants to manage the web page in an agile and understandable way. In order that when the client makes use of the website, it is friendly for both the user and the owner, different forms will be implemented, one to Create an account, to enter the page, and another for comments, in order to that users can leave a suggestion.

## **Overview**

The web page will be divided into sections, which will make it easier for the user to find what they need, as well as direct contact with the stationery through their telephone number in the event that the web page suffers any damage, allowing the user to continue counting on the services offered by the business. As well as the comments section, it will be available in all the sections in which the user navigates.

## **Background**

The web system will allow entering the data of the products to be able to visualize them and in this way the client will be able to interact with the products and their availability, if it is the case, they acquire a product, the calculation will be made that allows them to know about the final price, for which Like this system, different work tools will be used such as html, CSS, JavaScript and the Visual Studio Code IDE, which will allow us to customize and carry out different activities within the system.