



***“UNIVERSIDAD DE LAS FUERZAS ARMADAS”  
ESPE***

***SOFTWARE ENGINEER***

***OOP***

***Proyect first partial  
SMC-STYLE-IRELIA***

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***DELIVERY DATE:***

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## Workshop:

### Problem

We need a Shift Assignment System for each client, in which you can choose your favorite hairdresser, if you do not have one, one will be assigned to you. You must also list the prices of the services offered, the most contracted and those that generate the most income.

The payment that must be made to each stylist must be shown, this according to the service provided, for example a haircut, 30% goes to the business and the rest to the stylist, 50% for a dye. You must show the stock of the products, when they expire, the most used, suppliers and their contact.

You must be able to register customers to be able to offer services to regular customers.

### Overview

To solve the problem, we will develop an integrated system, where the number of appointments of each client of the place will be resolved, in addition, the payment visualization option will be implemented for each hairdresser, in the merchandise part it will be possible to have stock management of each product. In addition, to be able to have the information of each supplier to avoid shortages, thus providing a better service to the user and having a better management of the establishment.

## Background

The hairdresser is the establishment where people go to cut or give their hair a certain style, A beauty or aesthetic salon is a commercial establishment that offers its clients treatments for the beautification, conservation and hygiene of the skin, in order to promote the healthy image of its customers. In this place you can perform different hair treatments that, for the most part, have to do with beautifying the hair and restoring its strength. One of the main objectives of the company is to provide an excellent quality service to the client so that the client has the desire to return or can recommend the company. In order to meet your goal. Proper care creates that desire to return as many times as necessary, so the company becomes more productive and improves results and long-term goals.