

Sangolquí, 8th may, 2024

UNIVERSIDAD DE LAS FUERZAS ARMADAS ESPE
ORIENTED OBJECT PROGRAMING (OOP)

NRC: 14539

MEMBERS: Raura Andrea, Santi Jeancarlo, Saraguro Leidy, Sigcha Kenned
GROUP: #5

TEAM ASSIGNMENT:

Leader: Santi Jeancarlo

Team's name: Paradigm Pioneers Squad (PPS)

“EDICOMPU” cyber management system

The owner of Cyber EDICOMPU recognizes the need to optimize the management of its business to provide a more efficient and satisfactory service to its customers, both regular and non-regular. In turn, seeking to stand out from all the computer service businesses present in the locality, understanding that having a customized software tool that covers all the functions of the establishment will make it different from all the others.

This project consists of the implementation of a management system for a cyber business specially designed to meet the needs of cyber EDICOMPU, offering a streamlining of both operational processes and the owner's experience in managing their establishment.

Functions and requirements:

After all the information collected, these are the following functions and requirements:

1.- Client registration:

1.1 Customers can register by providing their personal information such as name, email, address and phone number.

2.- Computer rental:

2.1 The owner may register the rental of a computer to a certain previously registered customer

2.2 There must be a record of the start and end of the rental time for each computer.

2.3 Rental rates based on time of use must be calculated and applied.

3.- Reservations:

3.1 The owner will be able to register the reservation of a computer based on a specific date and time

3.2 The system will register the reservation to a previously registered customer

4.- Payment system:

4.1 Pay for time spent on the computer.

4.2 General report of customer registration, computer rentals and reservations