**UNIVERSIDAD DE LAS FUERZAS ARMADAS ESPE**

**Names:**

* Andres Maximiliano Galarza Tufiño
* Jorge Andres Guayasamin Zambrano
* Stefany Paola Guerrero Cordova
* Luis Federico Haro Morales
* Luis Alberto Heredia Iza

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**Problem:**

We need a system that allows us to make an inventory of elements in telecommunications and thus provide the user with a better organization, helping in the purchase and sale of these elements in a detailed, orderly and valued way that can be given solution to conflicts such as: the state in which they are and the availability of inputs, not having a tool like the one we are going to implement arise different uncertainties when it comes to establishing the entry and exit of products, giving as difficulty to the user in the utility search. It will also help us identify the loss or theft of your items.

**Overview:**

For most Business, especially those dedicated to commercialization of elements of telecommunication. It is necessary to keep a clear and organized inventory, in such a way that it is easy and agile to know its status.

In the world of control de stop uses various methods for inventory control, which vary according to the characteristics and needs of each company.

**Background:**

The stock can be defined as products and elements that are owned within a warehouse for marketing in such a way that we can determine the demand of the products and thus be able to define the next future acquisitions for the company, generating a greater amount of sales, generating the company to grow.

Within the control it can be considered as a verification process which seeks to identify the availability of the products just like your quality Y condition, thus generating a better management of the stock producing a balance correct of the same avoiding the excess of inventory which triggers a loss of profit or a lack of inventory causing customers to search for a new supplier

A warehouse is a site in which they find a great variety of products of a company for sale this is essential for carrying out an inventory since a specific space is determined for the elements which can be classified in a better way reducing time and space just like your search Y handling

A telecommunication system is a collection of compatible hardware and software arranged to communicate information from one place to another. These systems can transmit text, graphics, voice, documents or video information in full motion.

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| **Material** | **Available quantities** | **Cost of sale per unit** | **Wholesale cost of two to more units** |
| Router | 85 | $ 140 | $ 120 |
| Universal LNB for satellite | 60 | $ 6.00 | $ 4.50 |
| Connector for female splice | 35 | $ 1.50 | $ 1.00 |
| Adapter load | 45 | 0.80 cv | 0.70 cv |
| ICT adaptive load | 55 | $ 1.80 | $ 1.70 |
| Indoor home amplifier | 30 | $ 35 | $ 32 |
| Circular FM antenna | 20 | $ 18.50 | $ 16.50 |
| Distributor 2 outputs | 42 | $ 4.50 | $ 3.50 |
| Server | 70 | $ 2,000 | $ 1,800 |
| Stripper for coaxial cable | 38 | $ 10 | $ 10 |