Champan Garments Corporation Jmport/Export Liquidation System

An Undergraduate Research

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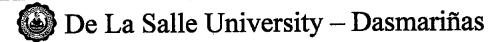




Abstract

Champan Garments Corporation Import/Export Liquidation System is developed to address the current problems encountered by the existing manual system of the company. Such problems includes:

- 1. Insufficient tracking of import and export entries; this is because the raw materials of the single purchase order are shipped in different dates and in different volumes. The department spends a lot of time in tracking the arrival of each material. And most of the liquidation process includes deducting the quantity of materials used in a particular garment exported from the quantity of materials declared in the materials invoice attached to the import entry. This is very important for them to know if all the materials stated in the materials invoice attached in the import entry are completely exported before the import entry expire.
- Computation of the total garments exported, total quantity of materials used in the export as a whole, manufacturing usage for piece and balance wastage; this is because the department has to determine as to what garment used a particular material and determine how much was consumed in this garment, and when are these garments exported so as to justify that the import are all exported before it expire. Those were the computations that make the liquidation process tiresome and complicated.
- 3. Late submission of the Statement of Reconciliation/Liquidation of Raw Materials and Certificate of Identification at the Bureau of Customs; this occurs because the report could not be made unless the liquidation of import/export materials is finished. A long period of time is spent to liquidate raw materials, thus the report needed is delayed until the liquidation and coding the result is finished. The Champan Import Export Liquidation System is design to address the sated problems.



The system is designed to perform the computations stated above, it will automatically liquidate materials everytime a garment is exported. It does not have to wait for all the materials to be exported unlike the manual system, which liquidate the import only after all the import is exported. The system also addresses the tedious coding of report that takes up an ample amount of time before it can be printed. The department can avoid late submission of report due to coding problem. But the system is not responsible for late submission of the Statement of Liquidation and Reconciliation of Materials due to late consumption of materials before the import entry expires since the system has no control of the production of the garments itself.

The prototyping method is used in developing the system because it has the potential for changing the system early in its development, the opportunity to stop development on a system that is not working and the possibility of developing a system that more closely addresses user's needs and expectations. Another thing is that you can easily go back to any stage whenever the change requires so unlike with the other methods wherein you can't go back easily to any stage where the system had errors.

Microsoft Visual Basic 6.0 is the programming language used in creating the software because it is the latest version of Microsoft Visual Basic, when the proponent started coding the system. Visual Basic is easier to use in creating a user-friendly graphical user interface and is suitable for prototyping systems. There are other programming languages that offer such features but the proponents choose this programming language because they are already familiar with the language unlike if they use a language in which they will study from scratch.