

# Stock Conservation

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**Abstract**— The main aim of our project is to avoid the paper work done by maintaining the stock details like purchase, distribution and deployment of laboratories in an organization. When we carry out these we get lot of manual work and time consuming processes therefore there will be delay in supplying resources requires in laboratories and the works in laboratories also get slow. Delay happens because each and very stock purchase has to undergo process of verification from higher authorities. Confusion happens even for tracing out the location of the stocks.

**Keywords:** deployment, stock, location, laboratory

## I. INTRODUCTION

At present we record the details of stock manually in a record book. The details of stocks are as follows DOP(date of purchase), Invoice number, Order number, cost, unit price, quantity of purchase etc. To maintain these in the book and present it to the higher authorizes of organization is very difficult, consume lot of manual work and time in settling the stock in laboratories Therefore there is a vast delay in the set of laboratories. Sometimes it is hard trace out location of the stocks are deployed due loss of records, poor maintenance of record.

## II. PROPOSED SYSTEM

The main aim of project is to manage the stocks without using the manual entry in books .WShen we record the details of deployment of components in the laboratories usually there will be lot of confusion among the user like how many deployed in one lab and how many are in working status. Even we cannot track how many components are sent for repair or replaced from particular laboratory, if it is deployed in the laboratories it will be difficult to trace out the location of the components. When we go to all these detail in paper work it will be time consuming to get approval from the concerned authority person and to solve the problem in laboratories. So to solve these problems our project gives relief and easy usage of recording and maintaining the stock details with their stages of purchase, deployment location, working status and repair status.

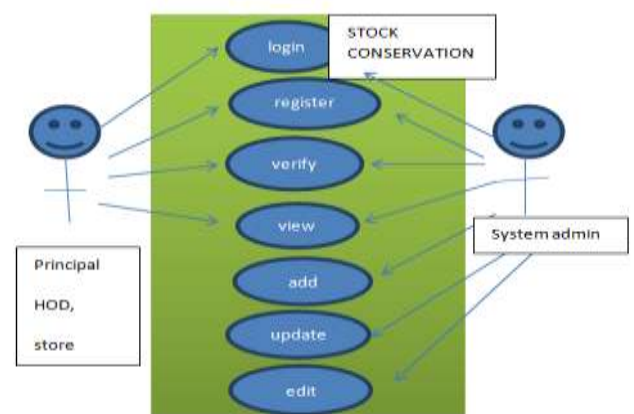
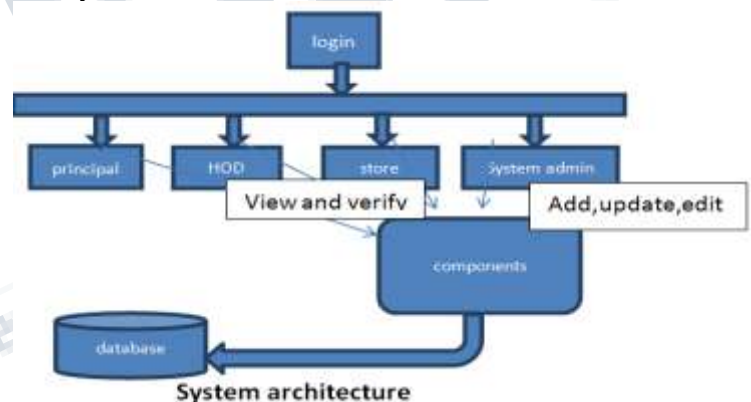
Therefore the Person who handle this job get easier and fast track is avail to the laboratory maintenance.

## III. SOFTWARE ARCHITECTURE

This software gives an easy usage of the stock maintenance . We used .net frame work in which developed our project using visual studio.

Principal, HOD, stores have only permission to view and verify the stock that has entered by the admin, the system architecture gives a detail description of how it works. System admin has full permission for update, add, editing, view and verify. Whenever a search is done the data is retrieved from the table of component detail and get updated in the history table.

History



**IV. SYSTEM REQUIREMENTS**

**Hardware requirement**

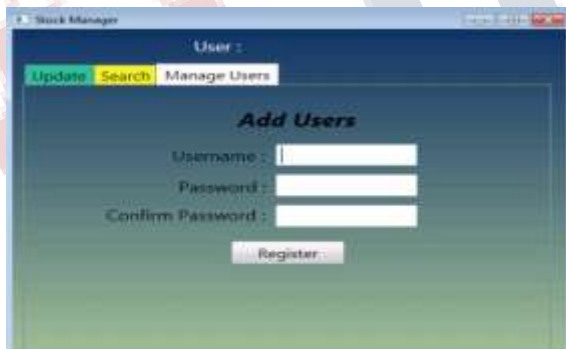
Processor :2GB  
RAM :2GB  
Hard disk :20GB

**S/W System Configuration**

Operating System : Windows 10/window XP  
Front end :WPF  
Framework: .net  
Languages:C#,XAML

**V. OUTPUTS**

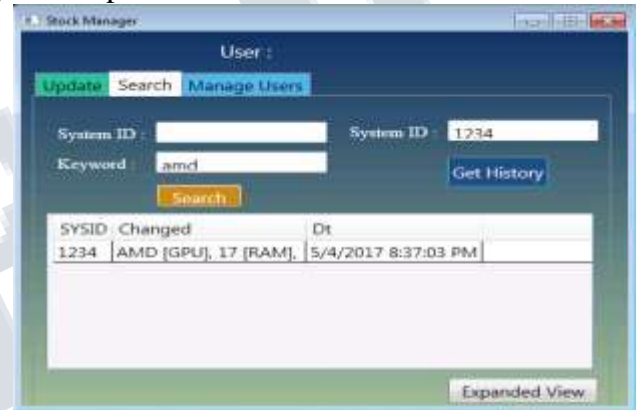
User login and register



Component updating and search



History of components.



**VI. ADVANTAGES**

- 1.Easy retrieval of data from any location of components.
- 2.Status of components
- 3.User friendly
- 4.Facile conservation
- 5.Disrate the bufflements

## VII. CONCLUSION

This is facile software stands with all the aspects of the stock conservation ,its also satisfy the requirements of user with less efforts. Therefore we conclude that ,this software has benchmark in performance when compared to the existing system of stock conservation.

