FEASOMED

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Introduction

- “ FEASOMED " - is our substitute to the present supply chain system which is very cumbersome.
- It is hard in the present system to get the necessary equipment and the medicines for the hospitals i.e they have to go through a very long procedure in order to get them which is not good for the healthy working of the hospital.
- In our system we have designed a portal for everybody at every level to order and procure the goods. We have divided the chain in 4 stages and at every stage one can order the goods, check their status and receive the products.

FEATURES

- Tokens , Expression And Variable
- Classes And Objects
- Structure And Functions
- Constructor and Destructor
- Operator Overloading
- User Defined Header Files
- File Handling
- Standard Library Functions Like Vector , Iomanip Etc
- Null Pointer
- This And Delete
- Strings
- Type Conversions

SYSTEM ANALYSIS

- EXISTING SYSTEM
  PROPOSED SYSTEM
  - SCOPE OF THE PROJECT
  - AIM OF THE PROJECT
  - PROJECT MODULES

SYSTEM ANALYSIS

FEASOMED is an online portal for the hospital in the rural areas which makes it easy for them to order and receive the medication and equipment necessary for the treatment.

1. EXISTING SYSTEM
2. PROPOSED SYSTEM

Existing System

- Currently there is no such system available for this. The hospital itself has to call the CMO office and they then call the health ministry to give the necessary products .

Proposed System

THE SCOPE OF THE PRODUCT IS :-

- To make the ordering process easier for the hospitals and any user for that matter.
- To make the the medicines and equipment easily available to the hospitals.
- This is a generic supply chain portal which can be used for any product and any user.
- This software has a very broad scope in the field of supply chain programs/systems.

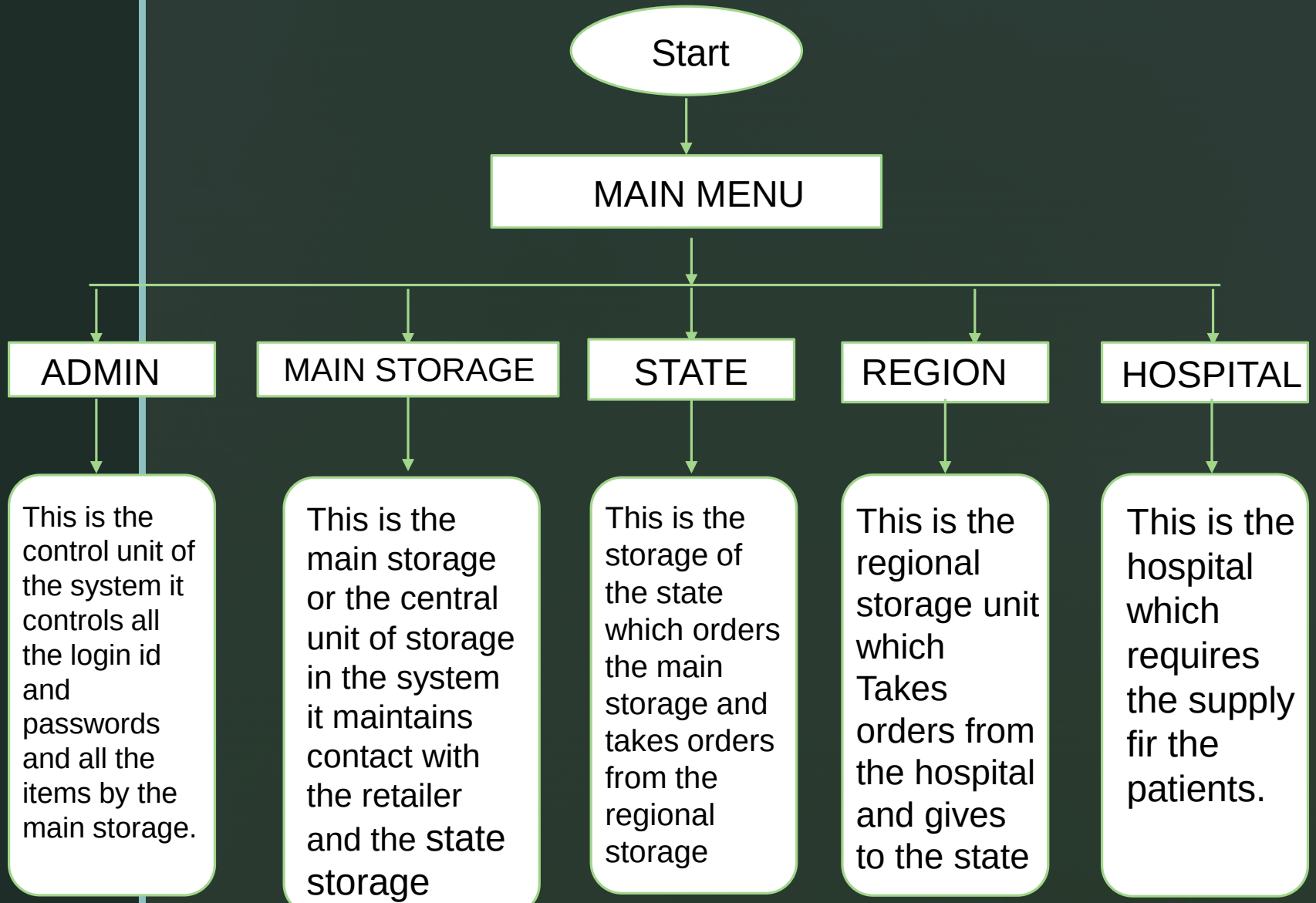
SYSTEM FEATURES

AIM OF THE PROJECT

- This project is aimed to provide a tool for easy procurement of the goods and so that the supply chain is not disturbed.
- The main aim of the project in hand is to provide an improved, faster and instant approach to order the equipments and medicines so that a lot of lives could be saved even in the remote areas.

SYSTEM ARCHITECTURE

System Features(flowchart)



PROJECT MODULES

PROJECT MODULES

The project has been slashed into many small modules to run effectively, easy to understand and debug. Some important modules used in the project are:

- To control all the functioning we have the admin
- Home Module/Main Menu
- Main/Central storage unit,
- State storage unit
- Regional storage unit
- Hospital’s storage Unit

ADMIN

- Admin portal is the one which acts as the control unit of the system.
- It has few options such as :-

1. Add any new State
2. Add any new Product , Delete Product or Change it.
3. Add any new Wholesaler.
4. It also the login id and password for every user.

Home Module

- This module gives the information about the different tabs that are being used in the program.
- The user can make use of this home module to know about the tabs which he or she has to make use.
- In the program we have made use of tabs like the status of the user whether it is main storage , state , hospital or region.
- This module gives a overview of all other tabs.

MAIN STORAGE

- This is the main storage unit which receives order form the state storage unit and provide them with the supplies.
- This is also responsible for finalising the quotation from the wholesaler.

STATE STORAGE

- This is the state storage which receives order from the regional storage unit and gives order to the main storage unit.

HOSPITAL STORAGE

- This is the final and last stage of the system which gives the order to the regional storage unit for the smooth functioning of the hospital.

Results & Applications of Project

Results

The result is a complete supply chain portal which allows the user to easily order and receive items on the click of a button and they don’t require to go through the tedious process of ordering.

Application Of Project

- This application can be used anywhere and anytime.
- This gives a user friendly response to everybody and is very efficient in its process.
- This is a generic supply chain portal which could be used for any product.

Software Used

- To design this program we have used Mingw as the compiler. Visual Studio Code as the code editor. Some standard header files are used for building of the program.
- The visual presentation is managed in simpler way, so that it is accessible to all people.

Conclusion & References

Conclusion

- The result obtained is a complete package of program which is able to help the the hospital and region and the states to order their products effectively and without any effort.
- This project helped us a lot in enhancing our knowledge in programming

References

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