**PROBLEM DEFINATION**

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**LIMITATION OF CURRENT SYSTEM**

* In few C++ compilers this software is not compatible.
* Its Compatible only in lower version of CodeBlocks software.
* C language doesn’t have OOPS feature.
* There is no strict type checking (for e.g. we can pass an integer value for the floating data types)
* No built-in collections library. C doesn’t provide ready made collections (lists, queues, stacks, etc) meaning you have to create your own.
* No built-in support for networking, sound and graphics.

**ADVANTAGES PROPOSED SYSTEM**

**FEASIBILITY STUDY**

**FUNCTIONAL**

1.SELECT REQUIRED DEPARTMENT.

2.ADD REGULAR PATIENT DETAILS.

3.ADD CRITICALLY ILL PATIENT DETAILS.

4.TAKE OUT PATIENT FOR OPERATION.

5.REMOVE PATIENT IF DISCHARGED OR DEAD.

6.LIST OF PATIENT.

7.CHANGE DEPARTMENT.

8.EXIT

**NON-FUNTIONAL**

PERFORMANCE CRITERIA

* Time:

The most important thing in hospital management is that it should be time consuming

It should not take much time to add the details of the patient.

* User-friendly:

Our hospital management system should be more user friendly.The user interface should be kept simple and uncluttered.Since different hospitals may interact with this process so the project should be very easy to understand.

* Flexibility:

Our project should be so flexible that whenever we want to make changes in it

very easily it can be done.

* Extensibility:

It should be able to accommodate the variations like:

1. The different order should be handled easily

2. It should be an option for cash on delivery, pay through card between customer

and canteen.

* Extensibility:

It should be able to accommodate the variations like:

Different patient should be handled easily i.e critically patient should be added differenty so that we should know the difference.

* Portable:

Our project should be portable on any platform and available on websites easily

and at a faster speed than others.

* Reusable:

**HARDWARE SOFTWARE TOOLS**

Software Requirements: -

* Operating System: Windows XP
* Programming Language: C++
* Software Used: CodeBlocks, MS Word and Notepad++

Hardware Requirements: -

* Pentium-IV (Processor)
* 256 MB Ram
* 512 KB Cache Memory
* Hard Disk 10 GB

**WBS**

**SYSTEM FLOWCHARTS**

Figure :

**DATA FLOW DIAGRAM**

**0 Level DFD**

Figure :Data Flow Diagram

**1st Level DFD**

**TESTING**

Future scope are the perquisite for development of a system. Every existing system has proposed enhancements which make it better and easier to use and more secure. The enhancements that have been proposed for this system are listed here:

* More features can be added to the website like uploading college notes, syllabus, etc.
* Multiplayer quiz challenge can be added.
* Can use cookies for better data collection.
* Introduce mobile version of website i.e. Android Application.
* At present only one user’s website visited data can be tracked.

**MAINTAINANCE & IMPLEMENTATION**