VIRTUAL DOCTOR

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Introduction

- " VIRTUAL DOCTOR" - a faster way to detect health problems .
- A better healthcare at your fingertips.
- The software developed detects the disease, provides services like appointment and emergency, doctor’s interface .
- The code is a prototype of an actual virtual doctor software.
- The result given by this software is not completely reliable.

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

Virtual doctor visits are rapidly gaining popularity these days as more health insurers offer telemedicine services to help cut costs. Studies have shown that virtual care may effectively use to treat common problems and infections.

1. EXISTING SYSTEM
2. PROPOSED SYSTEM

Existing System

- Currently there are only limited facilities available such as meeting the doctor personally where the time consumed will be more.

- In present days e-consultation is also available to help the patients.

Proposed System

SCOPE OF THE PROJECT

- The patients are able to detect the diseases by themselves.
- Provides consultancy service round the clock.
- The software can be updated to include new symptoms and diseases.

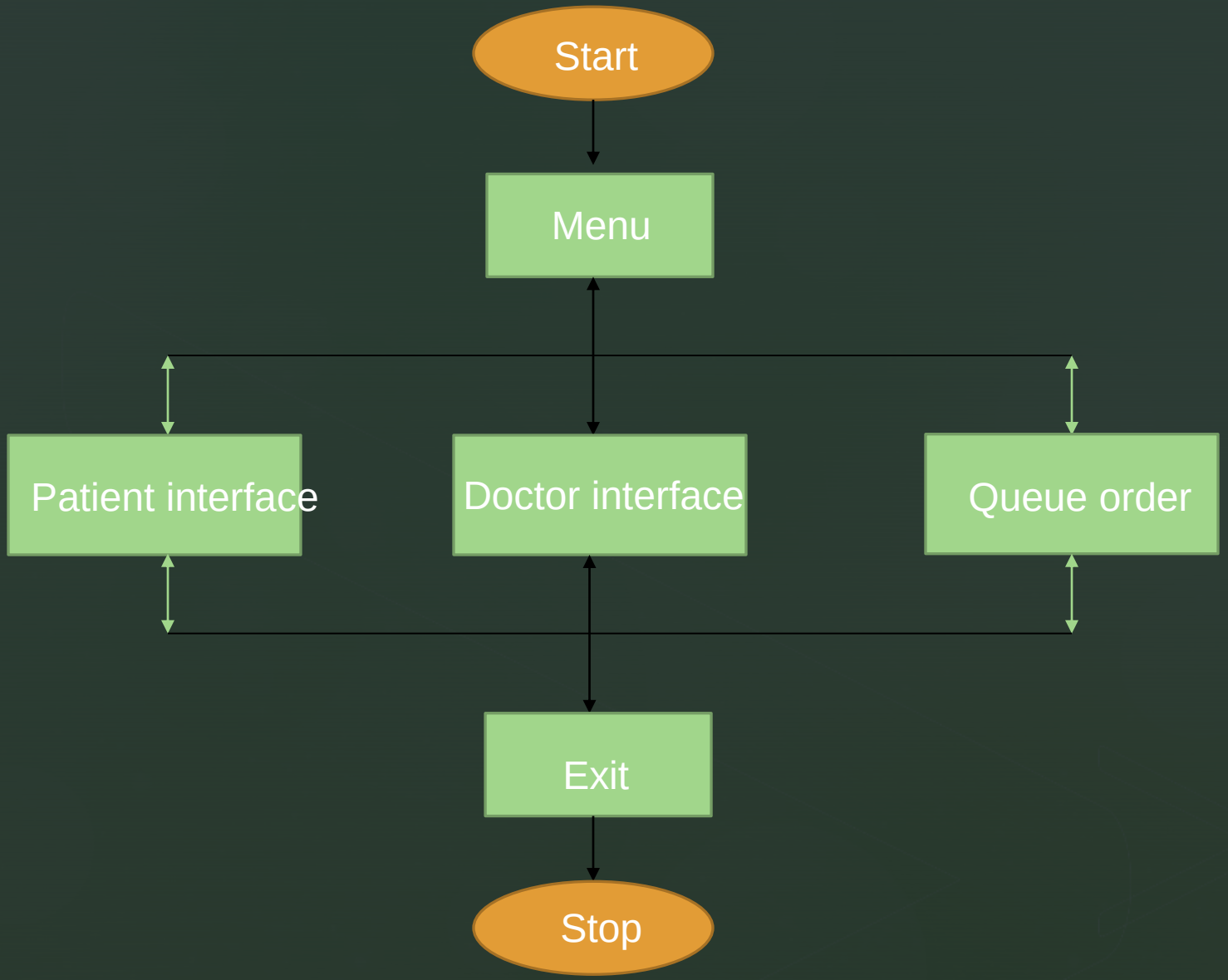
SYSTEM FEATURES

AIM OF THE PROJECT

- Provide an improved, faster and instant approach of diagnosing different diseases.
- The patient is himself able to know the causes of his disease.

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:

- Home module(menu).
- Conditions and Symptoms evaluation module.

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 patient interface, doctor interface and patients in queue.
- This module gives a overview of all other tabs.

Conditions and Symptoms evaluation Module

- To have glance about the known disease or infection.
- The user has to select symptoms from given options and software gives the possible disease for that symptom(s).
- If symptoms does not match then type 0 to open a window to describe your conditions and allow doctors to diagnose the conditions.

Results & Applications of Project

Results

The result obtained is a complete package of program which is able to detect disease and fix appointments.

Application Of Project

- This application can be used anywhere and anytime.
- This gives a friendly response for the disease present in its database.

Software Used

- To design this program we have used DEVC++. 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

- Instant care can be done through this software to get the necessary precautions to be taken so that the patient stays safe before serious action are taken.
- This project helped us a lot in enhancing our knowledge in programming

References

- www.google.com
- Big c++ by Cay S. Horstmann.
- Object Oriented Programming in C++ by E.Balagurusamy.
- github.com