



Final Year Project (FINAL REPORT)

Project Name: **Voice actuated hospital bed control system**

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DECLARATION OF ORIGINALITY

*I declare that this report entitled — **Voice Actuated Hospital bed Control System** is developed ourselves. The report has never been accepted for any degree and is not being submitted ever as the requirement for any degree or other award.*

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ACTUATED HOSPITAL BED CONTROL SYSTEM

Submitted to the Electrical Engineering Department
of University of Management and Technology Lahore
as necessary requirement for the Degree of

Bachelor of Science

In

Electrical Engineer

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ABSTRACT

The use of Voice recognition technology in voice controlled system is to perform events with the help of the human voice. The main object of the Voice recognition technology in our project is to provide comfort to patient in hospitals by placing him in control of his relief.

Hospitals have more patients and there is no staff that can individually provide a full time support to the patient. This system helps the individual possess an independent control upon basic areas of his need.

This project consists of such a security which allows specific person (male or female) to control the device.

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1. INTRODUCTION:

1.1. Overview:

What does Voice actuation or recognition mean?

Voice recognition is the capacity of a machine or program to get signals in the form of voice and interpret and perform the task accordingly.

For use in computers, analog signals are first to be converted into digital signals. This process of conversion requires the analog signal to be converted into digital signal. For a computer to interpret a signal, it must possess a set of vocabulary or words to compare with.