**Don Bosco Institute of Technology**

**Department of Information Science and Engineering FILE STRUCTURE Mini Project (18ISL67)**

**SYNOPSIS**

**Diabetes health care management system**

***Submitted by***

Srustik B T - 1DB19IS089

Sujith M - 1DB19IS091

***Under the Guidance of:***

Prof. Deepika A B Assistant Professor Dept. of ISE

**Mini Project for the Academic Year 2021-22**

**ABSTRACT**

The Diabetes mellitus is one of the non-communicable diseases that pose a threat to human health. It has become a major global health problem. It is a chronic disease that occurs either when the pancreas does not produce enough insulin or when the body cannot effectively use the insulin which it produces. It is found that diabetes causes blindness, amputation and kidney failure. Lack of awareness about diabetes, insufficient access to health services and essential medicines can lead to the above mentioned complications. According to a study by the World Health Organization (WHO), number of diabetic patients will raise to 552 million by 2030, which means that one in 10 adults will have diabetes by 2030.

**TABLE OF CONTENTS**

**Sl.No Topic PageNo.**

* **INTRODUCTION**
* Diabetes health care management is a system by which we can easily maintain the records about the patients details, appointment can be booked, can get a
* Diabetes mellitus is one of the non-communicable diseases that pose a threat to human health. It has become a major global health problem. It is a chronic disease that occurs either when the pancreas does not produce enough insulin or when the body cannot effectively use the insulin which it produces. It is found that diabetes causes blindness, amputation and kidney failure. Lack of awareness about diabetes, insufficient access to health services and essential medicines can lead to the above mentioned complications. According to a study by the World Health Organization (WHO), number of diabetic patients will raise to 552 million by 2030, which means that one in 10 adults will have diabetes by 2030.
* The name Agriculture Management System indicates Intelligent Agriculture. Agriculture Management System is a model farmer management website application. This site helps the farmers to sell their agricultural produce online and suggests best -in-practice farming processes. Hence, providing a wider market and helping them to not restrict themselves to the local market. This enables wholesalers and retailers to expand their business.
* **EXISTING SYSTEM**
* It is the study of farmer as a producer of food and other raw materials, who occupies a strategic position in the economic life of a country. Farm management investigations give thrust and direction to farm business improvement by providing useful information to planners, farmers and extension workers. Farm management investigations give thrust and direction to farm business improvement by providing useful information to planners, farmers and extension workers. Better understanding of the sequential flow of new technology is provided by farm management research that contributes to more realistic projection potential.
* **DISADVANTAGES**
* It’s too tiring to give computerized Timing.
* Security limitations.
* The excessive use of chemicals by the help of machines reduces the fertility of the land.
* Lack of practical knowledge the farmers can’t handle the machines properly.
* While the cost of maintenance is very high.
* **PROPOSED SYSTEM**
* Looking at the farm structure as a whole, it is apparent that the objectives of farm management are to:
* study the existing resources, land, labour, capital, management and the production pattern on the farm;
* perform the strategic task of finding out the deviation of the resources from their optimum utilization;
* explain the means and procedure of moving from the existing combination of resources to their optimum use for profit maximization.
* outline conditions that would simultaneously obtain its objectives of profit maximization and family satisfaction through optimum use of resources and judicious income distribution; and
* work out costs and returns on individual enterprises and on the farm as a whole.
* **ADVANTAGES**
* User has complete control as it provides and accepts only appropriate and valid data.
* Addition, deletion, modification of records as when needed.
* Decreases the paper and the labour work.
* Manage the entire process.
* User-friendly error messages are provided wherever necessary.
* Helps in advance planning.
* Reduces Administrative works.
* Provides a fast and efficient service. 9.Increase customer satisfaction.
* **HARDWARE REQUIREMENTS**
* The computer with minimum of 2GB RAM is enough to execute the C++ Agriculture Management System.
* **SOFTWARE REQUIREMENTS**
* DEV C++ Software is required to execute the project Agriculture Management System