**REMOTE DESKTOP APPLICATION**

## PROJECT REPORT



**PROJECT GUIDE SUBMITTED BY**

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**REMOTE DESKTOP APPLICATION**



***A project report submitted to***

***Rajiv Gandhi Proudyogiki Vishwavidhyalaya, Bhopal***

***in partial fulfillment for the award of***

***the degree of***

***Bachelor of Technology***

***in***

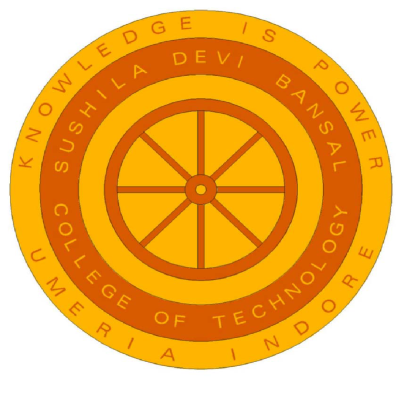
***Computer Science & Engineering***

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**SUSHILA DEVI BANSAL COLLEGE OF TECHNOLOGY**

**INDORE- 453331**

**2021**



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help us in completion of this project.

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**CERTIFICATE**

This is to certify that **MANISH BADODE (0829CS181076),** **PRAGATI PATIDAR (0829CS181110), POOJA PRAJAPAT (0829CS181104), VISHAL BINADI (0818CS181148),** have completed their project work, titled **BLOOD BANK MANAGEMENT SYSTEM** as per the syllabus and have submitted a satisfactory report on this project as a part of fulfillment towards the degree of **BACHELOR OF TECHNOLOGY (Computer Science & Engineering)** from **RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL.**

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**DIRECTOR**

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**INTERNAL EXAMINER EXTERNAL EXAMINER**

**ABSTRACT**

This project is aimed to developing Remote Desktop Application, a derivative of Remote Administration Application, is a network based project. The main objective of this project is to develop an application that can control remote computer through network. There are three preliminary components i.e. Server, Network and Client. Server acts as a Master while client is similar to Slave. But, the server can control the client only if it is permitted by the client for remote access. The basic idea behind the project is to capture the screen from the client and send to server. In response, mouse events and key events are captured from the Server and exchanged those events between Server and Client via network where same desktop can be tuned as Server or Client according to users will. This project also includes the facility of the interaction between server and client exchanging text messages termed as Text Chat.

Remote Desktop Sharing enables the administrators to gain access to remote Windows desktops in the network.

Remote Desktop Sharing lets users call a remote computer to access its shared desktop and applications. With the desktop Sharing we can Operate our office computer from home or vice versa.

The main objective behind development of “Remote Desktop Application” to build a server application that allows to view or even control the desktop session on another machine that is running a compatible client application, with the efficiency to provide the real time information about the remote machine. Remote access allows users with remote computers to create a logical connection to an organization network or the Internet. Microsoft operating systems include remote access clients and remote access servers that support both dial-up and virtual private network connections. Microsoft operating systems include a rich set of remote access and security features that provide flexibility and security for your remote access solution.

**TABLE OF CONTENTS**

**Page No.**

Abstract

List of Tables

List of Figures

**1. Introduction**

1.1 Purpose

1.2 Scope

1.3 Problem in existing system

31.4 Statement of Problem

**2. System Requirement Analysis**

2.1 Introduction

2.1.1 Purpose

2.1.2 Document Conventions

2.1.3 Intended Audience and Reading Suggestions

2.1.4 Product Scope

2.1.5 References

2.2 Overall Description

2.2.1 Product Perspective

2.2.2 Product Functions

2.2.3 User Classes and Characteristics

2.2.4 Operating Environment

2.2.5 Design and Implementation Constraints

2.2.6 User Documentation

2.2.7 Assumptions and Dependencies

2.3 External Interface Requirements

2.3.1 User Interfaces

2.3.2 Hardware Interfaces

2.3.3 Software Interfaces

2.3.4 Communications Interfaces

2.4 Functional Requirements

2.4.1 User

2.4.2 Admin

2.5 Non Functional Requirements

2.5.1 Performance Requirements

2.5.2 Safety Requirements

2.5.3 Security Requirements

2.5.4 Software Quality Attributes

2.6 Project Plan

2.6.1 Team Members

2.6.2 Division of Work

2.6.3 Time Schedule

**3. Analysis**

3.1 Methodology Used

3.2 Use Case Diagram

3.3 Activity Diagram

3.4 Sequence Diagram

3.5 Class Diagram

3.5.1 Identified Classes

3.5.2 Identified Attributes

3.5.3 Identified Methods

3.5.4 Identified Relationships

3.6 E-R Diagram

**4. Design**

4.1 Component Design

4.3.1 Component Diagram

4.3.2 Deployment Diagram

**INTRODUCTION**

1. **PURPOSE**

The aim of this project is to develop a simple-to-use remote desktop application which enables users to remote view contents of their desktop and view, create, edit and delete files and folders remotely. The application runs on a portable device (such as a cell-phone or tablet) which fully supports the Android mobile platform and is equipped with features like Wi-Fi, touch screen, document editor etc. An important goal of this endeavor is to keep the application user-friendly and easy-to-use.

**1.2 SCOPE**

This application has a very wide area of usage. As the number of users increase the scope of the project goes on. There is no limit for this application this can be used to any type of page by anyone based on the restrictions given by the developer. This project is useful in lab monitoring i.e. what a student is doing in present It is, in spirit, a remote display system which allows you to view a computing 'desktop' environment not only on the machine where it is management, but from anywhere on the Internet and as of a wide variety of machine architectures. With this type of application the strength of a page can be increased. The knowledge can be distributed to a large extent.

**1.3 PROBLEM IN EXISTING SYSTEM**

Administrator is not having full control There is no provision to reboot or shutdown Supports only one remote command on the remote machine at the same time Never gets the feeling that we are using the remote machine We cannot capture the remote systems Desktop. Network Administrator Tool provides remote service to its entire client over the network. It acts as a network administrator to its client to provide remote service like remote shutdown, remote logoff, remote file transfer, and remote desktop sharing and remote chatting. If the Remote operations such as remote shutdown, remote logoff requests arrive from client then it parses the request and provides service to its corresponding client. File transfer operation from server to the requested client:- First receives the request and recognize the file name, if the file exists in server transfers it otherwise sends a file not found error message. Remote Desktop Sharing enables the administrators to gain access to remote Windows desktops in the network. It is a tool enabling access from anywhere in the network without requiring any native client. It allows almost all operations to be performed on the remote desktop. Remote Desktop Sharing lets users call a remote computer to access its shared desktop and applications. With the desktop Sharing we can operate our office computer from home or vice versa

**1.4 PROBLEM STATEMENT**

Ample options are there in now a day s operating systems it to execute applications at the remote end. The basic services used by these operating systems today promote executions of the applications at the remote end with just restricted access. The current existing systems are potentially good systems, which do allow us to remotely connect to the remote machines and access their respective desktops. But most of the existing systems are quite difficult to use and implement for a layman.

The primary objective behind development of “Remote desktop Application” is to provide a mechanism by which system administrators could remotely connect to a desktop machine and resolve basic problems for users. However, the umbrella term "Remote Desktop" encompasses much more functionality and use cases. The project aims at developing an application to access and interact with a remote desktop. Aim is to remotely administer a system over the network. It may comprise of following tasks: - 1 View a desktop remotely. 2 Interact with remote desktop. 3 Open a connection to user desktop, having user aware of the connection. 4 Open a connection to user desktop, without having user aware of the connection.

**SYSTEM REQUIREMENT ANALYSIS**

**2.1 INTRODUCTION**

System requirement analysis is the process of gathering and interpreting facts, diagnosing problems and using the information to recommend improvements on the system. System requirement analysis is a problem solving activity that requires intensive communication between the system users and system developers.

System requirement analysis is an important phase of any system development process. The system is viewed as a whole, the inputs are identified and the system is subjected to close study to identify the problem areas. The solutions are given as a proposal. The proposal is reviewed on user request and suitable changes are made. This loop ends as soon as the user is satisfied with the proposal.

**2.1.1 PURPOSE**

The purpose of this document is to present a detailed description of the Blood Bank Management System. It will explain the purpose and functions of the system. The document contains the functional requirements and non-functional requirements of the system project. The document also contains the guidelines about the timeframe given to the developers, designers, testers to complete the project on time.

**2.1.2 DOCUMENT CONVENTIONS**

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| --- | --- | --- | --- |
| **TITLE** | **FONT** | **BOLD** | **SIZE** |
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| **Main Section Title** | **Times New Roman** | **Yes** | **16** |
| **Subsection Title** | **Times New Roman** | **Yes** | **14** |
| **General Text** | **Times New Roman** | **No** | **12** |

**2.1.3 INTENDED AUDIENCE AND READING SUGGESTIONS**

This document is intended for individuals directly involved in the development of Remote Desktop Application. This includes software developers, testers, clients, etc.

Further sections of System Requirement Analysis includes:-

Chapter 2:- Overall description, external interface requirements, functional requirements, non-functional requirements, project plan.

Chapter 3:- Methodology used, Use Case Diagram, Activity Diagram, Sequence Diagram, Class Diagram

Chapter 4:- Architectural design, database design, component design, interface design

Chapter 5:- Implementation

Chapter 6:- Testing

Chapter 7:- Future Scope and Limitations

Chapter 8:- Conclusion

**2.1.4 PRODUCT SCOPE**

Remote Desktop Application is a client/server programming bundle permitting remote arrangement access to graphical desktop. This programming prepares you to get a view of the remote machine desktop and in this manner control it with your neighborhood rodent and console. It might be utilized to perform remote framework control and government undertakings in UNIX, Windows and different grid dominions.

**2.1.5 REFERENCES OF SRS**