**GOVERNMENT OF KARANATAKA**

**DEPARTMENT OF TECHNICAL EDUCATION Bangalore**

**Government Polytechnic College**

**KAMPLI-583132**



**Department of Computer Science & Engineering**

**PROJECT REPORT**

**ON**

**“REMOTE BLUETOOTH”**

**Submitted By**

**TEJOPA**

**(172cs13023)**

**Project Guide**  **Head of Department**  miss.Shabana BS B.E Miss. Shabana BS B.E

**GOVERNMENT OF KARANATAKA**

**DEPARTMENT OF TECHNICAL EDUCATION, BANGALORE**

**Government Polytechnic**

**KAMPLI-583132**



**Certificate**

Certified that this project report entitled “REMOTE BLUETOOTH” which is being submitted by Mr. TEJOPA Reg.No: 172cs13023 a bonafide student of GOVERNMENT POLYTECHNIC, KAMPLI, in partial fulfillment for the award of Diploma in Computer Science & Engineering during the year 2016-2017 is record of students own work carried out under my/our guidance. It is certified that all corrections/suggestions indicated for internal Assessment have been incorporated in the Report and one copy of it being deposited in the polytechnic library.

The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Diploma Course.

It is further understood that by this certificate the undersigned do not endorse or approve any statement made, opinion expressed or conclusion drawn there in but approve the project only for the purpose for which it is submitted.

Project Guide Head of Department Principal

Examiners

i.

ii.

**CANDIDATE’S DECLARATION**

I, TEJOPA the student of diploma in Computer science & Engineering Department bearing Reg.No:172cs13023 of 2016-17 hereby declare that I own full responsibility for the information, results and conclusions provided in this project work titled “REMOTE BLUETOOTH” submitted to Board of Technical Examinations, Government of Karnataka for the award of Diploma in Computer Science & Engineering.

To the best of my knowledge, this project work has not been submitted in part or full else Where in any other institution/organization for the award of any certificate/diploma/degree. I have completely taken care in acknowledging the contribution of others in this academic work. I further declare that in case of any violation of intellectual property rights and particulars declared, found at any stage, I, as the candidate will be solely responsible for the same.

**Date: Signature of candidate**

**Place: Name:……………….**

**Reg No………………**

**ACKNOWLEDGEMENT**

We are grateful to Suhil Ahmed, Principal, Government Polytechnic, Kampli, for providing all the required facilities for the completion of our project.

We express our sincere gratitude to Miss. Shabana B S BE, Head of the Department, Computer Science & Engineering Department, for her encouragement, moral support, providing all the required facilities in the department and for the smooth functioning of the project.

We are also grateful and express our sincere thanks to our Project guide Miss. Shabana B S, H.O.D, Computer Science & Engineering Department, for giving the all-possible support, guidelines and her kind encouragement in completion of the Project.

Last but not the least, we would like to thank all the Teaching & Non-Teaching Staff of the college who have helped us during the course of this Project.

**ABSTRACT**

Remote Bluetooth is useful for controlling the Pc via Bluetooth connectivity within the limited distance. If we have this application in our mobile, no needed Mouse. Therefore without Mouse we can Control Pc with the help of Bluetooth connectivity which is the main use of this application. The major defect of this device is, if both of the cells are out of Bluetooth range then it’s difficult to get connection between both the pc and smart phone.

Remote Bluetooth has two parts:

* + 1. Android
    2. Java

In this project the client side android and server side is the java. Client is the machine which can connect to Server. Server is the machine which handles the particular client. By this process we can easily Smart phone connect to the Pc. First active Bluetooth both in client and server device and after that process client & server gets connected with each other.

In this way users gets connected the Pc, but there is one limitation in this application. Server is able to find all the active Bluetooth devices but it can connect with only one at a time. There is no way to connect simultaneously with all smart phone. Here one more drawback is for controlling with voice internet connection needed. We can only controlling Pc within the Bluetooth range which is limited up to certain specific distance. The main purpose of this application is control the Pc.

TABLE OF CONTENTS

1.INTRODUCTION

1.1. INTRODUCTION TO THE PROJECT

2.LITERATURE SURVEY

2.1. EXISTING SYSTEM

2.2. PROPOSED SYSTEM

2.3. IMPLEMENTATION TOOL

3.HARDWARE AND SOFTWARE REQUIREMENTS

3.1. HARDWARE REQUIREMENT

3.2. SOFTWARE REQUIREMENT

4.SOFTWARE REQUIREMENT SPECIFICATION

4.1. PURPOSE

4.2. SCOPE

4.3. FUNCTIONAL REQUIREMENTS

5.SYSTEM DEFINATION

5.1. IDENTIFICATION OF THE NEED

5.2. PRELIMENARY INVESTIGATION

5.3. FEASIBLITY STUDY

5.3.1. TECHNICAL FESIBLITY

5.3.2. ECONOMICAL FESIBLITY

6.SYSTEM DESIGN

6.1 DATAFLOW DIAGRAM

6.2 USE CASE DIGRAM

6.2. MODULARIZATION DETAILS

7.IMPLEMENTATION

7.1 SETTING UP AN ANDROID STUDIO DEVELOPMENT ENVIRONMENT

7.2. CODING

7.2.1 ANDROID CODE

7.2.2 JAVA CODE

8.TESTING

8.1 IMPLEMENTATION PHASE

9.SCREENSHOTS

9.1. ANDROID SCRINSHOOT

9.2. JAVA SCREENSHOTS

10.CONCLUSION

11.FUTURE ENHANCEMENT

12.BIBLIOGRAPHY