Visvesvaraya Technological University Belagavi-590 018, Karnataka



**A Mini Project Report on**

**“GUI CHAT APPLICATION”**

**Mini Project Report submitted in partial fulfillment of the requirement for the Application Development Using Python [18CS55]**

**Bachelor of Engineering in**

**Computer Science and Engineering**

Submitted by:

**SATVIK R KUNDARGI [1JT19CS082] RANJITH KUMAR R [1JT19CS071]**



**Department of Computer Science and Engineering Accredited by NBA New Delhi**

**Jyothy Institute of Technology Tataguni, Bengaluru-560082**

**ACKNOWLEDGMENT**

Firstly, we are very grateful to this esteemed institution “***Jyothy Institute of Technology***” for providing us an opportunity to complete our project. We express our sincere thanks to our Principal ***Dr. Gopalakrishna K*** for providing us with adequate facilities to undertake this mini project. We would like to thank Dr***. Prabhanjan S*** Professor and Head of Computer Science and Engineering Department for providing for his valuable support. We would like to thank our guide ***Mr. Saravana M K*** Assistance Professor for her keen interest and guidance in preparing this work. Finally, we would thank all our friends who have helped us directly or indirectly in this mini project.

**SATVIK R KUNDARGI [1JT19CS082]**

**RANJITH KUMAR R [1JT19CS071**

**ABSTRACT**

The simple GUI chat box is written in python. The project file contains the python script. This is a GUI based application that is easy to handle. This project involves writing two programs where one is a server program and the other one is the client program. In this project we will make a GUI application where one of the client can chat with the other client. We simply write a function called as a client and a server and feed the instructions. Using the Tkinter module we will create a graphical user interface (GUI) application. This application can be used to communicate between two different end users in a same network. This application is more secure as it involves chatting or communication between only two persons who share their respective IP address and the port number.

**Table of contents:**

|  |  |  |
| --- | --- | --- |
| **SL NO** | **DESCRIPTION** | **PAGE NO** |
| **1.** | **Introduction** | **1 - 2** |
| **2.** | **Implementation** | **3 - 11** |
| **3.** | **Results and snapshots** | **12 - 13** |
| **4.** | **Conclusion** | **14** |
| **5.** | **References** | **15** |