**TELECOM ARCHITECTURE**

**PROJECT REPORT**

**Shashank Bagda (92100133020)**

***Discrete Mathematics and Graph Theory***

***(01CT0310)***

**Sem – 3rd**

**Degree Engineering**

***in***

**Information and Communication Technology**



**Faculty of Technology**

**Marwadi University, Rajkot**

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| **Subject:** | DMGT(01CT0310) | | |
| **Project Title:** | Telecom Architecture | | |
| **Enrollment No:** | 92100133020 | **Name:** | Shashank Bagda |
| **Project Definition : In this project we will demonstrate the communication system between the client and the server and also client to client communication system.** | | | |
| The main objective is to demonstrate the communication system on the hardware as well using also use the software part. I will first create a digital copy of my whole project copy and then I will laser print the whole on the hard board. The implement different algos in different boards so that it will automatically detect the shortest communication. Also I will try to make a indicate real data transfer in the hardware form.    This picture is for demonstration purpose only. This is not the finalized layout of the whole body but I will add another layer and also a data transfer representation in the hardware form. | | | |
| **Technologies :**   * **Arduino (Hardware)** * **Programming (C – Language and Python)** * **Chaser Circuits (Hardware – Represents Edges)** * **Dijkstra’s Algorithm (Shortest Route)** * **Accurate Representation through Internal Synchronization of the development boards.** | | | |