VISHWAKARMA INSTITUTE OF INFORMATION TECHNOLOGY, PUNE
DEPARTMENT OF COMPUTER ENGINEERING

PROJECT SYNOPSIS

- ## GROUP ID

SY 2018-19

NAMES : -   1) Rohit Kumar Shaw - 222047   - B2
                  2) Kushal Shah   - 222041   - B2
                  3) Purvi Sampat   - 222036   - B2
                  4) Nirmit Singhal   - 222051   - B2
                  5) Awadhut Shah   - 222042   - B2

- ## PROJECT TITLE
Simulation of Cisco Router

- ## PROJECT OPTION

Internal Department Project

- ## INTERNAL GUIDE

- ## SPONSORSHIP AND EXTERNAL GUIDE

- ## TECHNICAL KEYWORDS

1. Hash Tables
2. Hashing
3. Trie Data Structure
4. Files
5. Arrays

☐ PROBLEM STATEMENT

To simulate how the auto-complete commands searches the commands in Cisco Router.

☐ ABSTRACT

We will show the commands based on the privilege of the user. The passwords for different privileges will be stored in hashes. The Trie data structure is used to search for the commands having prefix the characters entered by the user. It will also show the manuals and description of the commands of the router.

☐ GOALS AND OBJECTIVES

The main objective of this project is to help user to understand and know more about the cisco routers.