

NIST COLLEGE

Tribhuvan University

Institute of Science and Technology

Creating a Network Monitoring System for Project Work

A PROJECT REPORT

Submitted to

Department of Computer Science and Information Technology NIST College

In partial fulfillment of the requirement for the Bachelor Degree in

Computer Science and Information Technology

Submitted by

Achyut Dahal (3653)

Aruna Shrestha (3655)

Rajan Bhattarai (3667)

Sabin Nepal (3672)

March, 2017

TABLE OF CONTENT

1 Introduction.....	1
2 Problem Statement.....	1
3 Objective.....	2
4 Scope.....	2
5 Limitation.....	2
6 Methodology.....	3
6.1 Study of existing system.....	3
6.1.1 Cacti.....	3
6.1.2 Wireshark.....	3
6.2 Requirement Identification.....	4
6.2.1 For client machine.....	4
6.2.2 For server machine.....	4
7 Tools.....	4
7.1 Front-end	4
7.2 Backend.....	4
7.3 Editor	5
9 Design of proposed system	5
9.1 Use-CASE Diagram	5
9.2 System Activity Diagram	6
10 Gant chart	7
11 Expected System	7

List of Tables

Table 1: Gantt-Chart for proposed system timeline.....	7
--	---

List of figures

Fig 1: Use Case diagram.....	6
Fig 2: Activity Diagram of the proposed system	5