**THESIS/PROJECT TITLE** [font-12, capital letter, bold]

**by**

**STUDENT NAME** [font-12, capital letter, bold]

**STUDENT ID** [font-12, capital letter, bold]

A Project Report submitted in Partial Fulfillment of the Requirements for the Degree of Bachelor of Science in Computer Science and Engineering [Font-14]

Supervised By

**Name [Font-14, Bold]**

Designation [Font-14]

Department of Computer Science and Engineering (CSE)

City University, Dhaka, Bangladesh

****

**CITY UNIVERSITY** [font-14, capital letter, bold]

**Dhaka, Bangladesh** [font-14, capital letter, bold]

**JUNE 2019** [font-14, capital letter, bold]

**Certificate**

This Project titled **“Title**”, submitted by \*Name1\* and \*Name2\* to the Department of Computer Science and Engineering, City University, has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Computer Science and Engineering and approved as to its style and contents. The presentation was held on \*month, year\*.[**Font-12**]

Approved By

**(Supervisor Name)** [**Font-12, Bold**] **Supervisor**

**Designation**

Department of Computer Science and Engineering (CSE)[**Font-12**]

City University, Dhaka, Bangladesh

**Declaration** [capital letter, Bold, Font-14, Alignment-middle]

We hereby declare that, this project has been done by us under the supervision of **Name, Designation, Department of CSE** City University. We also declare that neither this project nor any part of this project has been submitted elsewhere for award of any degree or diploma. [**Font-12**]

**Submitted by:**

**(Name1)**

ID: - -

Department of CSE

City University

**(Name2)**

ID: - -

Department of CSE

City University

**Supervised by:**

**Name**

**Designation**

**Department of CSE**

**City University**

**ACKNOWLEDGEMENT [**capital letter, Bold, Font-16, Alignment-middle**]**

First we express our heartiest thanks and gratefulness to almighty Allah for His divine blessing makes us possible to complete this project successfully.

We fell grateful to and wish our profound our indebtedness to **Supervisor Name**, **Designation**, Department of CSE City University, Dhaka. Deep Knowledge & keen interest of our supervisor in the field of wireless network influenced us to carry out this project .His endless patience ,scholarly guidance ,continual encouragement , constant and energetic supervision, constructive criticism , valuable advice ,reading many inferior draft and correcting them at all stage have made it possible to complete this project.

We would like to express our heartiest gratitude to -----, -----, andHead**,** Department of CSE, for his kind help to finish our project and also to other faculty member and the staff of CSE department of City University.

We would like to thank our entire course mate in City University, who took part in this discuss while completing the course work.

Finally, we must acknowledge with due respect the constant support and patients of our parents. [**Font-12**]

**Abstract [**capital letter, Bold, Font-14, Alignment-middle**]**

This project is on “**Configuration of a Wireless Router with Password Authentication**”. This is a kind of network using wireless router, which help a Network Administrator build up a control over the total network using a security key. The aim of the Wireless Network is build up a WLAN using broad band router by assign a real IP address .After assigning IP address we configure the router in DHCP mode and create a secrete key for the network. When router will configure in DHCP mode every computer will get a IP address automatically but when a user new user try to access the network it will must essential the desire secret key that are provide by network administrator. To develop this project the most essential device is broad band router and wireless NIC card. The brands of router that are use in the project is Netgear WGR614 v6 router. The configure of the router are described in the project. With network security function using this project network administrator can also get other facility such as printer & scanner sharing, use more then one IP series in a LAN card, sub netting process are also describe in the project. After implementation of all functions, the system is tested in different stages and it works successfully as a prototype. [**Font-12**]

**TABLE OF CONTENTS [**capital letter, Bold, Font-14, Alignment-middle**]**

|  |  |
| --- | --- |
| CONTENS [Font-12, bold] | PAGE |
| Certificate [Font-12] | i |
| Declaration | ii |
| Acknowledgements | iii |
| Abstract | iv |
| **CHAPTER**[**Font-14, Bold**] |  |
| CHAPTER 1: CHAPTER NAME [Font-14, Bold] | 1-6 |
| 1.1 Infrastructure Mode[Font-12] | 1 |
| 1.2 | 2 |
| **APPENDIX** | 50-55 |
|  |  |
| REFERENCES | 56-57 |

**LIST OF FIGURES** [**Font-14,Bold**]

|  |  |
| --- | --- |
| **FIGURES**[**Font-12,Bold**] | **PAGE NO** |
| Figure 1.1: Cabling and Computer Hardware[**Font-12**] | 4 |
| Figure 2.1: | 11 |

**Some Other Instruction**

**Thesis/Project Size**: 60-70 page limit

**Page Setup**: Left- 1.25"

Right-1.25"

Top: 1.0-1.25"

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