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**Green University of Bangladesh**

**Department of Computer Science and Engineering (CSE)**

**Faculty of Sciences and Engineering**

**Semester: (Summer, Year: 2021), B.Sc. in CSE (Day)**

**Project Proposal**

**Course Title: Computer networking Lab**

**Course Code: CSE 312**

**Student Details**

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| **Lab Report Status**  **Marks: ………………………………… Signature: .....................**  **Comments: .............................................. Date: ..............................** |

1. **INTRODUCTION**

 Wireless network is a network set up by using radio signal frequency

to communicate among computers and other network devices.

 Sometimes it is also referred to as Wi-Fi network or WLAN.

 This network is getting popular nowadays due to easy to setup feature

and no cabling involved.

1. **Tools, technique and equipment**This wireless network we are make in cisco packet tracer [simulator]

Therefore, at first we need cisco packet tracer app in our computer.

Then setup wireless network.

1. **Equipment in simulator**

1. Router

2. Access Point-PT

3. 1 server for HTTP

4. 1 server for DNS

5. Switch

6. Wires

7. PC

8. Smart phone

1. **Advantage**

 Users are also able to share files and other resources with other

devices that are connect to the network without having to be cable to

a port.

 Not having to lay many cables and put, those through walls etc. can be

a considerable advantage in terms of time and expense.

 It also makes it easier to add extra devices to the network, as no new

cabling is need.

 Wireless networks can sometimes handle a larger amount of users

because a specific number of connection ports does not limit them.

1. **Disadvantage:**

 Setting up a wireless network can sometimes be difficult for people

who are not experienced with computers. (Although there are issues

with setting up a wired network too, of course!)

 Wireless connections can be obstructed by everyday household items

and structures such as walls, ceilings, and furniture

 File-sharing transfer speeds are normally slower with wireless

networks than they are with cabled.

 The speeds can also vary considerably according to your location in

relation to the network.

**6. Conclusion**

1. Users can access network from anywhere within range.

2. We make a wireless network diagram of our brain concept.