**Day 2 – Web Server (Software)**

**Warm-Up Activity**

Creating a simple Web Page

1. Use the Windows File Explorer tool to open your student id folder on the G drive
2. Right click and select New->Text Document
3. Name the file “mywebpage.txt”
4. Edit and save the file with the following contents

<h1>Hello Everybody</h1>

<p>This is a basic <b>HTML</b> web page</p>

Opening your web page

1. Open your web browser (e.g. Chrome)
2. Type “file://G:/” for the URL. What do you see?
3. Click on your “mywebpage.txt” to open it. What do you see?
4. Use File Explorer to rename your file to “mywebpage.html”
5. Refresh the “file://G:/” URL
6. Click on your “mywebpage.html” to open it. What do you see?

**Presentation Notes: Web Server Software**

1. What is a HTML and what does it stand for?
   1. Hypertext markup language
2. What does a basic web page contain?
   1. GUI
   2. Input
   3. Visuals
   4. Text
3. How does a dynamic web page differ from a basic web page?
   1. There is more depth and effort put into it for the web page to look vibrant
4. What is a Web Server?
   1. Web servers are servers that store large amounts of info from a website that the web page cannot store on its own.
5. What are some functions of a Web Server?
   1. It stores types of files
      1. HTML
      2. Images
      3. CSS style sheets
   2. Allows customers to access the hosted files
6. What are some common types of Web Servers?
   1. Apache
   2. IIS
   3. LifeSpeed
   4. Nginx
7. What is a HTTP and what does it stand for?
   1. Hypertext transfer protocol
8. What is the difference between HTTPS and HTTP?
   1. HTTPS is more secure then HTTP
9. What are some other common URL protocols?
   1. FTP
   2. ACAP
   3. AAA
   4. ACR
   5. AFP
   6. AFS
   7. AIM