

| CSCI368 Network Security - Feb 2020 |                 |         |             |             |                |              |            |                         |            |            |            |            |            |                   |          |       |       |       |  |
|-------------------------------------|-----------------|---------|-------------|-------------|----------------|--------------|------------|-------------------------|------------|------------|------------|------------|------------|-------------------|----------|-------|-------|-------|--|
|                                     |                 |         | Assign. 1   |             | Selected       |              | Assign. 2  |                         | Labs (10%) |            |            |            |            |                   | Assign-3 | TOTAL | FINAL | SCORE |  |
| NO.                                 | NAME            | ID      | P1-Q1 (10m) | P1-Q2 (10m) | Quiz mark (2%) | P2-Code (8%) | P2-Q3 (2%) | P3-Secret File Svr (8%) | Lab 1 (2%) | Lab 2 (2%) | Lab 3 (2%) | Lab 4 (2%) | Lab 5 (2%) | IDS assign. (10%) | 40%      | 60%   | 100%  |       |  |
| 1                                   | Midhunhan       | 5783483 | 7.00        | 9.00        | 1.80           | 8.00         | 1.60       | 8.00                    | 2.00       | 2.00       | 2.00       | 2.00       | 1.00       | 9.00              | 37.40    |       |       |       |  |
| 2                                   | Tay Jie Ying    | 5907226 | 7.00        | 9.00        | 1.80           | 8.00         | 1.60       | 8.00                    | 2.00       | 2.00       | 2.00       | 2.00       | 2.00       | 8.00              | 37.20    |       |       |       |  |
| 3                                   | Alicia Anne     | 5930893 | 9.00        | 7.00        | 1.80           | 8.00         | 1.60       | 8.00                    | 2.00       | 2.00       | 2.00       | 2.00       | 1.80       | 9.60              | 38.80    |       |       |       |  |
| 4                                   | Wong Chun Seng  | 5958106 | 7.00        | 9.00        | 1.80           | 7.30         | 1.00       | 8.00                    | 0.80       | 1.80       | 1.80       | 2.00       | 1.80       | 10.00             | 36.30    |       |       |       |  |
| 5                                   | Ng Guo Yuan     | 5958118 | 8.00        | 8.00        | 1.60           | 8.00         | 1.20       | 7.90                    | 2.00       | 2.00       | 2.00       | 2.00       | 1.80       | 9.40              | 37.90    |       |       |       |  |
| 6                                   | Ng Ze Sam       | 5958131 | 9.00        | 0.00        | 1.80           | 8.00         | 0.80       | 5.40                    | 0.00       | 2.00       | 2.00       | 1.50       | 1.80       | 9.00              | 32.30    |       |       |       |  |
| 7                                   | Ling Ee Keat    | 5958179 | 7.00        | 7.00        | 1.40           | 7.00         | 1.40       | 6.50                    | 2.00       | 2.00       | 2.00       | 2.00       | 1.80       | 4.70              | 30.80    |       |       |       |  |
| 8                                   | Viknesh         | 5958192 | 10.00       | 8.00        | 2.00           | 8.00         | 1.80       | 8.00                    | 2.00       | 2.00       | 2.00       | 2.00       | 2.00       | 10.00             | 39.80    |       |       |       |  |
| 9                                   | Then Wen Jie    | 5958994 | 0.00        | 6.00        | 1.20           | 7.00         | 1.20       | 0.00                    | 2.00       | 2.00       | 2.00       | 2.00       | 1.00       | 0.00              | 18.40    |       |       |       |  |
| 10                                  | Tan Zhi Xin     | 5962377 | 8.00        | 9.00        | 1.80           | 7.00         | 1.80       | 7.70                    | 2.00       | 2.00       | 2.00       | 2.00       | 1.80       | 6.20              | 34.30    |       |       |       |  |
| 11                                  | Ng Hong Sheng   | 5965159 | 10.00       | 8.00        | 2.00           | 6.80         | 1.20       | 4.20                    | 2.00       | 2.00       | 2.00       | 1.50       | 2.00       | 9.00              | 32.70    |       |       |       |  |
| 12                                  | Yap Chen Ling   | 5965226 | 9.00        | 7.00        | 1.80           | 7.00         | 1.60       | 7.10                    | 2.00       | 2.00       | 2.00       | 2.00       | 1.80       | 9.80              | 37.10    |       |       |       |  |
| 13                                  | Tan Min Lee     | 5968112 | 5.00        | 9.00        | 1.80           | 7.80         | 1.60       | 4.40                    | 2.00       | 2.00       | 2.00       | 2.00       | 1.50       | 5.50              | 30.60    |       |       |       |  |
| 14                                  | Wong Zhen Yet   | 5969268 | 9.00        | 10.00       | 2.00           | 8.00         | 1.20       | 7.90                    | 2.00       | 2.00       | 2.00       | 2.00       | 1.80       | 9.40              | 38.30    |       |       |       |  |
| 15                                  | Kok Mun Haw     | 6269990 | 8.00        | 10.00       | 2.00           | 8.00         | 2.00       | 8.00                    | 2.00       | 2.00       | 2.00       | 2.00       | 2.00       | 10.00             | 40.00    |       |       |       |  |
| 16                                  | Yeng Yong Kai   | 6291971 | 8.00        | 9.00        | 1.80           | 8.00         | 2.00       | 8.00                    | 2.00       | 2.00       | 2.00       | 2.00       | 1.80       | 10.00             | 39.60    |       |       |       |  |
| 17                                  | Poon Desmond    | 6298047 | 7.00        | 10.00       | 2.00           | 8.00         | 2.00       | 8.00                    | 2.00       | 2.00       | 2.00       | 2.00       | 2.00       | 9.60              | 39.60    |       |       |       |  |
| 18                                  | Khew Jing Sheng | 6302154 | 0.00        | 10.00       | 2.00           | 8.00         | 2.00       | 7.80                    | 2.00       | 2.00       | 2.00       | 2.00       | 2.00       | 10.00             | 39.80    |       |       |       |  |
| 19                                  | Tioh Su Han     | 6302361 | 7.00        | 8.00        | 1.60           | 7.80         | 2.00       | 8.00                    | 2.00       | 2.00       | 2.00       | 2.00       | 1.80       | 10.00             | 39.20    |       |       |       |  |
| 20                                  | Pua De Sheng    | 6302476 | 7.00        | 9.00        | 1.80           | 7.80         | 1.80       | 7.60                    | 2.00       | 1.00       | 2.00       | 2.00       | 1.80       | 10.00             | 37.80    |       |       |       |  |
| 21                                  | Teh Win Sam     | 6306196 | 7.00        | 10.00       | 2.00           | 8.00         | 1.80       | 8.00                    | 2.00       | 1.00       | 2.00       | 2.00       | 2.00       | 10.00             | 38.80    |       |       |       |  |
| 22                                  | Chin Che Yeap   | 6306354 | 8.00        | 10.00       | 2.00           | 8.00         | 2.00       | 8.00                    | 1.50       | 1.50       | 2.00       | 2.00       | 2.00       | 10.00             | 39.00    |       |       |       |  |
| 23                                  | Wong Jen Jieh   | 6306378 | 7.00        | 9.00        | 1.80           | 8.00         | 2.00       | 8.00                    | 2.00       | 2.00       | 2.00       | 2.00       | 2.00       | 10.00             | 39.80    |       |       |       |  |
| 24                                  | Chan Wei Qian   | 6325518 | 8.00        | 10.00       | 2.00           | 7.70         | 1.20       | 8.00                    | 2.00       | 2.00       | 2.00       | 2.00       | 2.00       | 9.60              | 38.50    |       |       |       |  |
| 25                                  | Tan Ming Fong   | 6336371 | 7.00        | 9.00        | 1.80           | 8.00         | 2.00       | 8.00                    | 2.00       | 2.00       | 2.00       | 2.00       | 2.00       | 10.00             | 39.80    |       |       |       |  |

[illegible]

Assignment 1 Part 2 Marks Only

| Assignment 1 - Part 2: Key Transport, AES-192k + CFB Mode, RSA |                 |                  |                 |              |                     |      |        |       |
|--|-----------------|------------------|-----------------|--------------|---------------------|------|--------|-------|
|  |                 | Key Trans & comm | Keys (RSA & Ks) | AES+192bit K | RSA, Verify & 'Read | CFB  | Report | Total |
|  |                 | 2                | 1               | 2            | 1                   | 1    | 1      | 8     |
| 1  | Midhunhan       | 2.00             | 1.00            | 2.00         | 1.00                | 1.00 | 1.00   | 8.00  |
| 2  | Tay Jie Ying    | 2.00             | 1.00            | 2.00         | 1.00                | 1.00 | 1.00   | 8.00  |
| 3  | Alicia Anne     | 2.00             | 1.00            | 2.00         | 1.00                | 1.00 | 1.00   | 8.00  |
| 4  | Wong Chun Seng  | 2.00             | 1.00            | 1.50         | 1.00                | 1.00 | 0.80   | 7.30  |
| 5  | Ng Guo Yuan     | 2.00             | 1.00            | 2.00         | 1.00                | 1.00 | 1.00   | 8.00  |
| 6  | Ng Ze Sam       | 2.00             | 1.00            | 2.00         | 1.00                | 1.00 | 1.00   | 8.00  |
| 7  | Ling Ee Keat    | 2.00             | 1.00            | 1.00         | 1.00                | 1.00 | 1.00   | 7.00  |
| 8  | Viknesh         | 2.00             | 1.00            | 2.00         | 1.00                | 1.00 | 1.00   | 8.00  |
| 9  | Then Wen Jie    | 2.00             | 1.00            | 1.00         | 1.00                | 1.00 | 1.00   | 7.00  |
| 10   | Tan Zhi Xin     | 2.00             | 1.00            | 1.00         | 1.00                | 1.00 | 1.00   | 7.00  |
| 11   | Ng Hong Sheng   | 2.00             | 1.00            | 1.00         | 1.00                | 1.00 | 0.80   | 6.80  |
| 12   | Yap Chen Ling   | 2.00             | 1.00            | 1.00         | 1.00                | 1.00 | 1.00   | 7.00  |
| 13   | Tan Min Lee     | 2.00             | 1.00            | 2.00         | 1.00                | 1.00 | 0.80   | 7.80  |
| 14   | Wong Zhen Yet   | 2.00             | 1.00            | 2.00         | 1.00                | 1.00 | 1.00   | 8.00  |
| 15   | Kok Mun Haw     | 2.00             | 1.00            | 2.00         | 1.00                | 1.00 | 1.00   | 8.00  |
| 16   | Yeng Yong Kai   | 2.00             | 1.00            | 2.00         | 1.00                | 1.00 | 1.00   | 8.00  |
| 17   | Poon Desmond    | 2.00             | 1.00            | 2.00         | 1.00                | 1.00 | 1.00   | 8.00  |
| 18   | Khew Jing Sheng | 2.00             | 1.00            | 2.00         | 1.00                | 1.00 | 1.00   | 8.00  |
| 19   | Tioh Su Han     | 2.00             | 1.00            | 2.00         | 1.00                | 1.00 | 0.80   | 7.80  |
| 20   | Pua De Sheng    | 2.00             | 1.00            | 2.00         | 1.00                | 1.00 | 0.80   | 7.80  |
| 21   | Teh Win Sam     | 2.00             | 1.00            | 2.00         | 1.00                | 1.00 | 1.00   | 8.00  |
| 22   | Chin Che Yeap   | 2.00             | 1.00            | 2.00         | 1.00                | 1.00 | 1.00   | 8.00  |
| 23   | Wong Jien Jieh  | 2.00             | 1.00            | 2.00         | 1.00                | 1.00 | 1.00   | 8.00  |
| 24   | Chan Wei Qian   | 2.00             | 1.00            | 2.00         | 1.00                | 1.00 | 0.70   | 7.70  |
| 25   | Tan Ming Fong   | 2.00             | 1.00            | 2.00         | 1.00                | 1.00 | 1.00   | 8.00  |

## Assignment 1 Part 2 Comments Only

| Assignment 1 - Part 2: Key Transport, AES-192k + CFB Mode, RSA |                 |       |  |  |  |
|--|-----------------|-------|--|--|--|
|  |                 | Total | Comments:  |  |  |
|  |                 | 8     |  |  |  |
| 1  | Midhunhan       | 8.00  | Report-okay. AES in aes.cs and server in program.cs (Using C# code). Setting in aes.cs. RSA- PU&PR. IV send over. Ks and reverse - okay. Msg comm - okay                         |  |  |
| 2  | Tay Jie Ying    | 8.00  | Good report. RSA - PU&PR in a file using primitive n, p, q. AES key using AES:MAX_LENGTH-8 with CFB - okay. Reverse k, Handshake are all good. Msg Comm - okay                   |  |  |
| 3  | Alicia Anne     | 8.00  | Good report. RSA using primitive n, p, q. PU & PR in files. AES with 192bit key using MAX_KEYLENGTH - 8, Handshake - okay. MSg comm - okay                                       |  |  |
| 4  | Wong Chun Seng  | 7.30  | Report - okay. RSA-PU&PR in file. AES key using CryptoPP::DES_EDE2::DEFAULT_KEYLENGTH / 2 - confusing on output of Ks.   |  |  |
| 5  | Ng Guo Yuan     | 8.00  | Good report. Hash, Ks not formatted on output. RSA - PU&PR in files. Hardcoded IV. Handshake process - okay. AES+Key+Reverse v- okay. Msg Comm - okay                            |  |  |
| 6  | Ng Ze Sam       | 8.00  | Good Report. RSA , PU & PR in files - okay. AES+CFB+Key - Okay. Handshake okay. MSg comm - okay  |  |  |
| 7  | Ling Ee Keat    | 7.00  | Report - Okay. Handshake, Ready, ACK, Verify - okay. RSA storing PU & PR in files- okay. AES IS USING 128bit key size SUPPOSE 192bit key size. Basic connection. Msg Comm - good |  |  |
| 8  | Viknesh         | 8.00  | Good overall report. IV send over. Verifying + ACK - good. Handshake - good. PU & PR in files. Msg Comm - good   |  |  |
| 9  | Then Wen Jie    | 7.00  | Report - okay. AES key try to generate 192bit, but sedn&received still 128bit? Strange! IV send over, RSA - PU&PR in file - good.  |  |  |
| 10   | Tan Zhi Xin     | 7.00  | Report - okay. AES key is 128 NOT 192 requiried by assign spec. Why IV need to use DES_EDE2:BLOCKSIZE? Handshake process - good. Sg Comm - okay                                  |  |  |
| 11   | Ng Hong Sheng   | 6.80  | Report should include code explanation. RSA - using premitive n, p, q. Hardcoded lv. AES KEY SIZE SUPPOSE 192 bit NOT 128 bit. Handshake, AES - okay. Msg Comm - okay            |  |  |
| 12   | Yap Chen Ling   | 7.00  | Report-good. AES,Key,Reverse - okay. RSA-unusing primitive p,q, n. Msg comm. Okay  |  |  |
| 13   | Tan Min Lee     | 7.80  | Report-okay on execution, but code segment need to be explain. Handshake - okay. IV send over. RSA using primitive n, p , q. Msg Comm. - okay                                    |  |  |
| 14   | Wong Zhen Yet   | 8.00  | Report-okay. RSA-PU&PR in files. Hardcoded IV, RSA-Key-CFB - okay. Msg Comm - okay   |  |  |
| 15   | Kok Mun Haw     | 8.00  | Very well-explained report. IV hardcoded. Handshake process - good. AE5+192bit key+RSA (PU, PR in files) + Ks = Good. Msg Comm = good  |  |  |
| 16   | Yeng Yong Kai   | 8.00  | Report - okay. Strange arrangment of code ServerdoEverything instead in Main() program - included in functions.h. AES, Key, Reverse - okay. RSA - okay. Msg comm - okay          |  |  |
| 17   | Poon Desmond    | 8.00  | Good overall report. RSA - PU&PR in files. Hardcoded IV. AES+CFB+Key - okay. Handshake - good. Mlg comm. - good  |  |  |
| 18   | Khew Jing Sheng | 8.00  | Good overall report. RSA, AES-192bit Key, Reverse key - okay IV send over. Verifying + ACK - good. Handshake - good. PU & PR in files. Mlg Comm - good                           |  |  |
| 19   | Tioh Su Han     | 7.80  | Report should include code explanation. RSA - PU&PR in file - good. Handshake, AES + key + reverse- okay. Mlg Comm - okay  |  |  |
| 20   | Pua De Sheng    | 7.80  | Report - limited explanation on code segments - only use whole printout with limited comments inside. Code - okay  |  |  |
| 21   | Teh Win Sam     | 8.00  | Good overall report. RSA-PU&PR in file -Good. IV send over. AES+CFB, Key and Reverse - good. Mlg comm. Good  |  |  |
| 22   | Chin Che Yeap   | 8.00  | Report - Okay. Handshake, Ready, ACK, Verify - okay. AES-Key-RSA - all okay. Basic connection. Mlg Comm - good   |  |  |
| 23   | Wong Jien Jieh  | 8.00  | Report - okay. IV hardcoded. Sequence of program a little confusing. AES, Key, Reverse - okay. Mlg Comm - okay   |  |  |
| 24   | Chan Wei Qian   | 7.70  | Basic report. PU&PR in files. IV hardcoded. Handshake process, ACK, Verify - okay. Mlg Comm - Okay   |  |  |
| 25   | Tan Ming Fong   | 8.00  | Good report. PU&PR in files. IV hardcoded. AES+Key - okav. Reverse k - okay. Mlg Comm - okay   |  |  |

## Assignment 2 – Marks

|    | Assignment 2 - Part 3: Secret File Server |         |          |              |        |          |                |       |
|----|---|---------|----------|--------------|--------|----------|----------------|-------|
|    |   | Key-Gen | A.Server | Client&Acct. | Report | IDEA-OFB | FTP Svr &Comm. | Total |
|    |   | 1       | 1        | 2            | 1      | 1        | 2              | 8     |
| 1  | Midhunani                                 | 1.00    | 1.00     | 2.00         | 1.00   | 1.00     | 2.00           | 8.00  |
| 2  | Tay Jie Ying                              | 1.00    | 1.00     | 2.00         | 1.00   | 1.00     | 2.00           | 8.00  |
| 3  | Alicia Anne                               | 1.00    | 1.00     | 2.00         | 1.00   | 1.00     | 2.00           | 8.00  |
| 4  | Wong Chun Seng                            | 1.00    | 1.00     | 2.00         | 1.00   | 1.00     | 2.00           | 8.00  |
| 5  | Ng Guo Yuan                               | 1.00    | 1.00     | 2.00         | 0.90   | 1.00     | 2.00           | 7.90  |
| 6  | Ng Ze Sam                                 | 0.80    | 0.80     | 1.00         | 0.40   | 0.80     | 1.60           | 5.40  |
| 7  | Ling Ee Keat                              | 1.00    | 1.00     | 2.00         | 0.70   | 1.00     | 0.80           | 6.50  |
| 8  | Viknesh                                   | 1.00    | 1.00     | 2.00         | 1.00   | 1.00     | 2.00           | 8.00  |
| 9  | Then Wen Jie                              |         |          |              |        |          |                | 0.00  |
| 10 | Tan Zhi Xin                               | 1.00    | 1.00     | 2.00         | 0.90   | 1.00     | 1.80           | 7.70  |
| 11 | Ng Hong Sheng                             | 0.60    | 0.80     | 1.20         | 0.40   | 0.60     | 0.60           | 4.20  |
| 12 | Yap Chen Ling                             | 1.00    | 1.00     | 2.00         | 0.90   | 0.80     | 1.40           | 7.10  |
| 13 | Tan Min Lee                               | 0.80    | 0.80     | 1.60         | 0.60   | 0.60     | 0.00           | 4.40  |
| 14 | Wong Zhen Yet                             | 1.00    | 1.00     | 2.00         | 0.90   | 1.00     | 2.00           | 7.90  |
| 15 | Kok Mun Haw                               | 1.00    | 1.00     | 2.00         | 1.00   | 1.00     | 2.00           | 8.00  |
| 16 | Yeng Yong Kai                             | 1.00    | 1.00     | 2.00         | 1.00   | 1.00     | 2.00           | 8.00  |
| 17 | Poon Desmond                              | 1.00    | 1.00     | 2.00         | 1.00   | 1.00     | 2.00           | 8.00  |
| 18 | Khew Jing Sheng                           | 1.00    | 1.00     | 2.00         | 0.80   | 1.00     | 2.00           | 7.80  |
| 19 | Tioh Su Han                               | 1.00    | 1.00     | 2.00         | 1.00   | 1.00     | 2.00           | 8.00  |
| 20 | Pua De Sheng                              | 0.80    | 1.00     | 1.80         | 1.00   | 1.00     | 2.00           | 7.60  |
| 21 | Teh Win Sam                               | 1.00    | 1.00     | 2.00         | 1.00   | 1.00     | 2.00           | 8.00  |
| 22 | Chin Che Yeap                             | 1.00    | 1.00     | 2.00         | 1.00   | 1.00     | 2.00           | 8.00  |
| 23 | Wong Jien Jieh                            | 1.00    | 1.00     | 2.00         | 1.00   | 1.00     | 2.00           | 8.00  |
| 24 | Chan Wei Qian                             | 1.00    | 1.00     | 2.00         | 1.00   | 1.00     | 2.00           | 8.00  |
| 25 | Tan Ming Fong                             | 1.00    | 1.00     | 2.00         | 1.00   | 1.00     | 2.00           | 8.00  |

### Assignment 2 Comments:

| Assignment 2 - Part 3: Secret File Server |                 | Total | 8 | Comments:   |
|---|-----------------|-------|---|---|
| 1   | Midhunan        | 8.00  |   | Code on C#, using library of BouncyCastle and .NET. Covers all functionalties requird. Good report.   |
| 2   | Tay Jie Ying    | 8.00  |   | Using FileZilla. Good overall report. Code - cover all requirements Good Acct. mgmt. With file listing. A little confusing on FTP details under menu after user login                   |
| 3   | Alicia Anne     | 8.00  |   | Using Windows FTP. Program: Good overall, IDEA, Keys and IV - okay. Report - okay   |
| 4   | Wong Chun Seng  | 8.00  |   | Report - okay. Code - cover all requirements  |
| 5   | Ng Guo Yuan     | 7.90  |   | Report contents are good, but missing section discussing your FTP server setup (FileZilla, WinFTP, Cloud?). Code - good   |
| 6   | Ng Ze Sam       | 5.40  |   | Very imited report, no explanation on code for FTP file upload/download. Code - incomplete Usr Acct mgmt (no timestamp etc.).   |
| 7   | Ling Ee Keat    | 6.50  |   | Report - start with FTP server setup, then client-server setting, then only code explanation and execution.. Program - Good acct mgmt. Code fixed files, types and r                    |
| 8   | Viknesh         | 8.00  |   | Program: All working well - timeStamp on Acct., IDEA keys & IV - good. Conn. And cr Report: Okay. Explnation of code is remarks in the code segments themselves.                        |
| 9   | Then Wen Jie    | 0.00  |   | No submission   |
| 10  | Tan Zhi Xin     | 7.70  |   | Report - should have FTP server setup/configuration explanation. Code - Hardcoded FTP information, not explained in report.   |
| 11  | Ng Hong Sheng   | 4.20  |   | Limited report. Perogram - Usr acct mgmt - incomplete (no timestamp etc.). No explanation on FTP server setup. Code only Upload/Download fixed file.txt.                                |
| 12  | Yap Chen Ling   | 7.10  |   | Report - okay, but mismatch with code submitted. Code - does not handle File encrypt/decrypt.   |
| 13  | Tan Min Lee     | 4.40  |   | Report - Limited contents. Only on execution and Code with limited comments as explanation. Code - Hnadle user acct, but no FTP file upload/download codes avaiable.                    |
| 14  | Wong Zhen Yet   | 7.90  |   | Report - should detail out the FTP configurion. Other contents are good overall. Code - over all requirements   |
| 15  | Kok Mun Haw     | 8.00  |   | FTP - FileZilla svr. Program: User Acct. control and activation - good. IDEA Keys & IV - okay. With Listing of files. FTP conn okay Report: Good overall                                |
| 16  | Yeng Yong Kai   | 8.00  |   | Using Hostinger/000webhost. Good report. Code - implemented all features  |
| 17  | Poon Desmond    | 8.00  |   | Good overall report - covers well on client and FTP upload/download process. Code - with file listing.  |
| 18  | Khew Jing Sheng | 7.80  |   | Report - should have info on your FTP server setup. Program - Good acct mgmt, but Download-Upload files with basic features.  |
| 19  | Tioh Su Han     | 8.00  |   | Very good report, covering all FTP proving. Code - cover all requirements. A little confuse on listing of file with some numbers below the filename (file size).                        |
| 20  | Pua De Sheng    | 7.60  |   | Using WinFTP. Report - good overall. Code - covers all functionalities except TimeStamp.  |
| 21  | Teh Win Sam     | 8.00  |   | FileZilla FTP svr. Good overall report. Code - cover all requirements in specification  |
| 22  | Chin Che Yeap   | 8.00  |   | Program: Acct file - use open/ decrypt - temp - delete temp. FTP - Windows IIS-FTP server. User neters password in HEX? FTP server info. Output label = All IP addresses? Report - Okay |
| 23  | Wong Jien Jieh  | 8.00  |   | Windows FTP Svr. Report details on the whole FTP oeperations and proof. Code - good overall   |
| 24  | Chan Wei Qian   | 8.00  |   | FTP - FileZilla svr. Program: User Acct. IDEA Keys & IV - okay. Ops - good. FTP conn okay. Using status code in array. Report - okay  |
| 25  | Tan Ming Fong   | 8.00  |   | Report good - Using FileZilla FTP server. Code - covered all requirement in specification.  |

Assignment 3:

| Assignment 3: Vulnerabilities Assessment. |                 |        |               |      |                    |       |
|---|-----------------|--------|---------------|------|--------------------|-------|
|   |                 | Report | Snort config. | Test | Activity & Results | Total |
|   |                 | 3      | 3             | 2    | 2                  | 10    |
| 1   | Midhunan        | 2.60   | 3.00          | 1.80 | 1.60               | 9.00  |
| 2   | Tay Jie Ying    | 2.00   | 3.00          | 1.80 | 1.20               | 8.00  |
| 3   | Alicia Anne     | 2.80   | 3.00          | 2.00 | 1.80               | 9.60  |
| 4   | Wong Chun Seng  | 3.00   | 3.00          | 2.00 | 2.00               | 10.00 |
| 5   | Ng Guo Yuan     | 2.80   | 3.00          | 2.00 | 1.60               | 9.40  |
| 6   | Ng Ze Sam       | 2.60   | 3.00          | 1.60 | 1.80               | 9.00  |
| 7   | Ling Ee Keat    | 1.50   | 3.00          | 0.20 | 0.00               | 4.70  |
| 8   | Viknesh         | 3.00   | 3.00          | 2.00 | 2.00               | 10.00 |
| 9   | Then Wen Jie    |        |               |      |                    | 0.00  |
| 10  | Tan Zhi Xin     | 1.50   | 2.00          | 1.50 | 1.20               | 6.20  |
| 11  | Ng Hong Sheng   | 2.60   | 3.00          | 1.80 | 1.60               | 9.00  |
| 12  | Yap Chen Ling   | 3.00   | 3.00          | 2.00 | 1.80               | 9.80  |
| 13  | Tan Min Lee     | 1.50   | 2.00          | 1.00 | 1.00               | 5.50  |
| 14  | Wong Zhen Yet   | 2.60   | 3.00          | 2.00 | 1.80               | 9.40  |
| 15  | Kok Mun Haw     | 3.00   | 3.00          | 2.00 | 2.00               | 10.00 |
| 16  | Yeng Yong Kai   | 3.00   | 3.00          | 2.00 | 2.00               | 10.00 |
| 17  | Poon Desmond    | 2.80   | 3.00          | 2.00 | 1.80               | 9.60  |
| 18  | Khew Jing Sheng | 3.00   | 3.00          | 2.00 | 2.00               | 10.00 |
| 19  | Tioh Su Han     | 3.00   | 3.00          | 2.00 | 2.00               | 10.00 |
| 20  | Pua De Sheng    | 3.00   | 3.00          | 2.00 | 2.00               | 10.00 |
| 21  | Teh Win Sam     | 3.00   | 3.00          | 2.00 | 2.00               | 10.00 |
| 22  | Chin Che Yeap   | 3.00   | 3.00          | 2.00 | 2.00               | 10.00 |
| 23  | Wong Jien Jieh  | 3.00   | 3.00          | 2.00 | 2.00               | 10.00 |
| 24  | Chan Wei Qian   | 2.80   | 3.00          | 2.00 | 1.80               | 9.60  |
| 25  | Tan Ming Fong   | 3.00   | 3.00          | 2.00 | 2.00               | 10.00 |

## Assignment 3 comments:

| Assignment 3: Vulnerabilities Assessment. |   |
|---|---|
|   | Comments  |
| 1 Midhunan                                | Snort, Barnyard2, PulledPork - installation done. BASE - no details, directly runs. Malicious activities - cluttered. No explanation on rules an malicious activities. Mismatch BASE, Snort, Malicious activities triggered. Weak countermeasures explanation.  |
| 2 Tay Jie Ying                            | Installing and tresting on Snort, Barnyard2, PulledPork - done and reported. BASE and its pre-requisites - done. Malicious activities, results - done BUT not referring to BASE. Parts of report consisting of other person's tutorial!   |
| 3 Alicia Anne                             | Good overall report. Snort, Barnyard2, PulledPork configuration done. BASE with it's requirements - done. Rules not well covered related to the malicious activities conducted, only on results.  |
| 4 Wong Chun Seng                          | Snort, Barnyard2, PulledPork - configured. BASE and its pre-requisites - done. Testing on won installation - done. Good report overall. Malicious activities, results, triggers and countermeasures are explained well.   |
| 5 Ng Guo Yuan                             | Snort, Barnyard2 with testing - done. PulledPork, BASE with its requirements - done. Well explained Rules, Malicious activities and results. BUT missing countermeasures.   |
| 6 Ng Ze Sam                               | Snort, Barnyard2 and PulledPork - installation done but without testing before BASE installation. Explanation also quite basic. BASE and its pre-requisite done- only continue testing. Malicious activities, results and BASE display - done. Combined explanation and countermeasures but does not reflect Snort rules. |
| 7 Ling Ee Keat                            | Configuration of Snort, Barnyard2, PulledPork - done. Configuring BASE with MySQL, PHP and Apache - done. No testing and conducting of malicious activities with countermeasures. Report all on setting up only.  |
| 8 Viknesh                                 | Well formatted and organized report. Well explained network model. Snort, Barnyard2 and PulledPort - ruleset updates, all done. Setup for BASE, Apache, MySQL and PHP - done. Malicious activities and countermeasures explained.   |
| 9 Then Wen Jie                            | No submission   |
| 10 Tan Zhi Xin                            | Report has many commands explained but no proof of implementing on own computer. What ever command/steps need to show of your own work. The report shows as other person's tutorial steps. Malicious activities and triggers/results BUT no countermeasures explained.  |
| 11 Ng Hong Sheng                          | Snort, Barnyard2, PulledPort, BASE and its requirements - configuration done. 4 malicious activities and results shown in report, BUT no countermeasures and rules reference explained.   |
| 12 Yap Chen Ling                          | Report-okay. Snort, Barnyard2, PulledPork - configured and tested. BASE with its pre-requisites - done. Malicious activities, triggers and rules - okay BUT countermeasure seems limited.   |
| 13 Tan Min Lee                            | Report jump directly to Snort, Barnyard2, PulledPork - lack of explanation. Questionable BASE installation. Weak explanation on Malicious activities, results (not showing as in BASE). No proof of IP matching with own configuration.   |
| 14 Wong Zhen Yet                          | Report directly explain about Snort, Barnyard2 and PuledPork configuration without introduction and other contents at the beginning. BASE and its requirements - done. Malicious activities, triggers, results are good BUT countermeasures explanation are quite weak.   |
| 15 Kok Mun Haw                            | Good overall report. Configuration of Snort, Barnyard2, PulledPork done well. Discussion on Rules, Malicious activities and countermeasures - okay.   |
| 16 Yeng Yong Kai                          | Configuration and testing of Snort, Barnyard2, PulledPork - done. BASE and its requirements are good. Malicious activities, triggers, rules and countermeasures - done  |
| 17 Poon Desmond                           | Good overall report. Snort, Barnyard2, PulledPork - configuration, testing and rules done. BASE with MySQL, ADODB, PHP and Apache - done. Triggering malicious activities, results and rules - brief countermeasures.   |
| 18 Khew Jing Sheng                        | Snort, Barnyard and PulledPork - config. Okay. BASE with PHP, MySQL and Apache updates - okay. Explanation on rules, malicious activities and countermeasures - okay.   |
| 19 Tioh Su Han                            | Good report overall - covering Snort, BAnyrad2 and PulledPork configuration. BASE and its requirements - done. Malicious activities, triggers, results and countermeasures - explained well.  |
| 20 Pua De Sheng                           | Snort and configuration - Okay. Barnyard, MySQL, PulledPork & ruleset - good. Malicious activities, triggers, results and counter measures - explained  |
| 21 Teh Win Sam                            | Configuration, installation and testing for Snort, Barnyard2, PulledPork - done. Reported well. BASE and its requirements - done. Malicious activities, results and countermeasures - done.   |
| 22 Chin Che Yeap                          | Good report. Snort, Barnyard2 and PulledPork - installation good. Explanation on Rules - okay. Configuring MySQL, PHP and Apache for BASE - okay. Good malicious activities and countermeasures explanation.  |
| 23 Wong Jien Jieh                         | Snort, Barnyard2, PulledPork - done and tested. BASE, MySQL, PHP, ADODB and all - done. Malicious activities triggers, rules, countermaesures - done. Good reporting  |
| 24 Chan Wei Qian                          | Snort and configuration - Okay. Barnyard, MySQL, PulledPork & ruleset - good. Malicious activities okay, trigger should also captured or show on BASE to confirm BASE installation.   |
| 25 Tan Ming Fong                          | Snort, Barnyard2, PulledPork + BASE with pre-requisites = all configuration done with testing. Malicious activities, results and countermeasures - explained.   |