Assignment Cover Sheet

Qualification	Module Number and Title
Higher National Diploma in Computing & Software Engineering	SEC4101 - Fundamentals in Computer Systems
Student Name & No.	**Assessor**
	Mr. Dhanusha Somawardhana
Hand out date	**Submission Date**
29/11/2019	**02/02/2020**

Assessment type	Duration/Length of Assessment Type	Weighting of Assessment
Assignment	Two Weeks	70%

Learner declaration
I, …………………………………………<mark>\<name of the student and registration number\></mark>, certify that the work submitted for this assignment is my own and research sources are fully acknowledged.

Marks Awarded		
First assessor		
IV marks		
Agreed grade		
Signature of the assessor		Date	

FEEDBACK FORM

INTERNATIONAL COLLEGE OF BUSINESS & TECHNOLOGY

Module: Fundamentals in Computer Systems

Student:

Assessor:

Assignment: Netwrix Software Developing Company

Strong features of your work:

Areas for improvement:

Marks Awarded:

Learning outcomes covered

LO 1 Understand the environment of computer systems.
LO 2 Understand hardware and software components of a computer system.
LO 3 Be able to recommend a suitable computer system for a specific requirement.

Scenario and Tasks

Netwrix is software developing company which is located in Colombo. They are planning to open a new branch in Kandy. Their business activities will be started within six months' time. In future they are planning to develop websites as well.

1. **Branch Manager**   **02 (01 PC & 01 LAPTOP)**

2. **programmers**   **10**

3. **Front office**   **05**

4. **Project manager**   **01**

5. **IT administrator**   **05 (3 PC's for the servers)**

6. **Finance Department**   **03**

7. **Coordinators**   **03**

Assume that you are the newly appointed IT executive of "**NETWRIX**" and it is your responsibility to provide system specification for the organization considering the roles and responsibility of the employees.

Tasks

1. Recommend the suitable, peripheral components, software and hardware components for Netwrix Software Developing Company with relevant examples. **(25 Marks)**

2. Produce system design specifications to meet the user needs of each functional area while considering different types of computer systems. **(30 Marks)**

3. Develop a health and safety policy for computer users in this Netwrix Software Developing Company and discuss the adaptability. **(20 Marks)**

4. Provide a well-structured document with evidence of time management. **(25 Marks)**

This submission will be assessed as follows	Total marks Allocated	Marks obtained by the student for the answer provided
TASK 1 For input peripherals 10 For output peripheral 10 For software and hardware 05	25	
TASK 2 For a client pc specification 10 For a server computer specification 10 Suitable operating systems 10	30	
TASK 3 For suitable health and safety polices.10 For implement suitable polices with adaptability.10	20	
TASK 4 As an evidence of time management should be on time submission and attached a Gantt chart.10 For proper document standards 10 For proper Harvard references 5	25	
Total Marks	**100**	

Assessment Criteria

Task (1) contains 25 marks.

Criteria	Marks Out of 25	Marks obtained by the student for the answer provided
Fail • Identification of some input devices • Identification of some output devices	**0-5**	
Pass • Identification of some input devices • Identification of some output devices • Identification of some software and hardware components	**6-11**	
Good • Identification of correct input devices with relevant examples. • Identification of correct output devices with relevant examples. • Identification of software and hardware components with relevant examples.	**12-18**	
Excellent • Identification and recommendation of correct input devices with relevant examples. • Identification and recommendation of correct output devices with relevant examples. • Identification and recommendation of software and hardware components with relevant examples.	**19-25**	

Task (2) contains 30 marks.

Criteria	Marks Out of 30	Marks obtained by the student for the answer provided
Fail • Produce a specification only for a client or server computer.	0-7	
Pass • Produce specifications for client and server computer systems.	8-15	
Good • Produce specifications for client and server computer systems. • Recommendation of suitable operating systems.	16-22	
Excellent • Produce specifications for client and server computer systems with proper justification. • Recommending and justifying suitable operating systems.	23-30	

Task (3) contains 20 marks.

Criteria	Marks Out of 20	Marks obtained by the student for the answer provided
Fail • Produce few health and safety policies.	**0-5**	
Pass • Produce proper health and safety policies.	**6-9**	
Good • Produce appropriate health and safety policies and discuss the adaptability.	**10-14**	
Excellent • Produce appropriate health and safety policies and discuss the adaptability. • Identify possible risk for employee's health and safety.	**15-20**	

Task (4) contains 25 marks.

Criteria	Marks Out of 25	Marks obtained by the student for the answer provided
Fail • Poor standard of documentation with poor explanations	0-5	
Pass • Acceptable standard of documentation with poor explanations	6-11	
Good • High standard of documentation with screen shots & average explanations	12-18	
Excellent • Professional standard of documentation with screen shots & good explanation. • Harvard Referencing System is used for Referencing and in-text citation. • Proper Gantt chart..	19-25	

Submission Guidelines

- Submission format   Report
- Paper Size: A4
- Words: 3000 words
- Printing Margins: LHS; RHS: 1 Inch
- Header and Footer: 1 Inch
- Basic Font Size: 12
- Line Spacing: 1.5
- Font Style: Times New Roman
- **Referencing should be done strictly using Harvard system**