STUDENT NAME: **CHRISTIAN VILLALBA**

STUDENT NUMBER: **750314**

**Professional Practice in an IT Context**

**Assignment 3**

**Know what is meant by professional ethics**

Professions that require special knowledge and skill should be conduct with the principle of righteousness in mind.  
Professional ethics is the behavioural standards expected by all the professionals in a particular field.

**Professional Ethics in IT includes;**

*For each of the below, you need to explain what the professional ethic is and then give a brief example to show what that ethic refers to in the real world*

* **Privacy and Data Protection:**The ethical guidelines to safeguard data from unauthorized access, disclose and use.   
  *Example:* measures like consent, authentication and firewalls
* **Intellectual Property:**   
  Respect patents, copyrighted materials and other forms of IP intellectual protection. Giving credit and acknowledge the creators in order to avoid plagiarism, misuse and misappropriation of someone else’s work.  
  *Example:* not using unlicensed pirated software.
* **Cybersecurity:**Impl  
  *Example:*
* **Bias and Discrimination:***Example:* ensure that algorithms are free from bias in order to avoid discrimination.
* **Accessibility:**Strive for equal access to the benefits of IT to everybody, promote inclusion of all parts in society.  
  *Example:* include software features that allow the use to as many people as possible, including those with disabilities.
* **Environmental impact:**  
  *Example:*
* **Social responsibility:**  
  *Example:*

**Definition of a Conflict of Interest**

*In your own words but it should at least highlight the different parties with different interests and how they may be in conflict with each other.*

**Examples of Conflicts of interest an IT professional might encounter**

*For each example, you need to describe the situation or scenario to set the scene.*

*Explain who the main parties involved are and what their specific interests are.*

*Demonstrate why one parties interest conflict with another parties interest in some way.*

*How the judgement, impartiality of loyalty of the IT professional might be compromised.*

*The action the IT professional could have taken to avoid the conflict of interest or what they should do to deal with the conflict that has arisen.*

**General actions to avoid or deal with conflicts of interest**

*For each of the below, provide a little bit of an explanation in your own words.*

* Know your company policies
* Follow codes of conduct/ethical guidelines
* Maintain professional boundaries
* Disclose any potential conflicts of interest.