

Issues of social and ethical significance

- 1.1 Reliability and Integrity
- 1.2 Security
- 1.3 Privacy and Anonymity
- 1.4 Intellectual Property
- 1.5 Authenticity
- 1.6 Digital Divide & Equality of Access

- 1.7 Surveillance
- 1.8 Globalisation & Cultural Diversity
- 1.9 Policies
- 1.10 Standards and Protocols
- 1.11 People and Machines
- 1.12 Digital Citizenship

...lead to **impacts** and **issues**...

Social Impacts

- How did the IT development emerge?
- Who are the stakeholders—individuals, institutions and societies?
- What are the advantages and disadvantage for the stakeholders?
- What are the social impacts of the IT development on human life? These may include:

| | |
|-----------|---------------|
| economic | environmental |
| political | ergonomic |
| cultural | health |
| legal | psychological |

- What feasible solutions can be applied to overcome problems?

Ethical issues

- Who is responsible?
- Who is accountable?
- What policies, rules or laws apply to the scenario?
- What are the alternative ethical decisions?
- What are the consequences of these decisions?