

Module 4

Internet Security

- Privacy and Confidentiality
 - Identify theft
 - Data theft
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Securing the web browser enhanced in the following ways;

1. Configuring browser security and privacy settings
 2. Keeping the browser updated
 3. Signing up for alerts
 4. Avoid Public or free wifi
 5. Installing security Plugins
 1. Https everywhere
 2. Web of trust
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The browser features and the risk they pose

- Java
 - ActiveX
 - Cookies
 - Extensions
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How to identify the secure website

The secure website uses encryption and authentication standard to protect the confidentiality of information exchanged with it over the internet.

The common procedure used for encryption data is Secure Socket Layer(SSL).

Identifying the secure website ;

1. Lock icon
 2. URL (https://. or http://.)
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Security Issues regarding instant messaging

Security Issues pertaining to instant messaging are as follows;

- Privacy Issues

- Identity Issues
 - Malware in transferred files
 - IM software vulnerabilities
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Child online safety

- Pornography
 - Cyberbullying
 - Stealth sites
 - Misdirected searches
 - Grooming
 - Social networking sites
 - Unsolicited Emails
 - Chat rooms
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Guideline for children online safety

Determining if children are at a risk Online

- Children are spending the more time on their computer
 - Pornography material found on child computer
 - Children quickly change their screen when parents are come in
 - Children look depress and loss interest in everywhere
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Child browser is kidzui.com