ICTDBS507 - Q1.4

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# Executive summary

This document's goal is to present a description of some web programming concepts.

# 1.4.1 In your own words, describe authentication.

Is the process of identifying and verifying the identity of a user, ensuring that the user is the only one who has access to the account.

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# 1.4.2 In your own words, describe web security.

Web security involves a no number of measures and processes to secure a website and keep it away from cyber attacks.

It includes authentication and more techniques such as authorisation, which is the process of confirming access to a resource or action.

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# 1.4.3 In your own words, describe hypertext transfer protocol.

HTTP is the protocol used by the World Wide Web to transmit data.

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# 1.4.4 In your own words, describe session management.

Session management is the process of managing data related to a session, which is a term used to describe the length of time spent browsing a web page.

This data can include authentication information and many others such as user preferences, etc.

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# 1.4.5 In your own words, describe the principles of stateless programming.

Stateless programming treats all client connections equally, saving no information from prior requests or sessions, and serving static pages that do not change.