OCR
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Monday 17 January 2022 – Morning

Level 3 Cambridge Technical in IT

05839/05840/05841/05842/05877 Unit 3: Cyber security

INSERT

C387_1_2201

INSTRUCTIONS

- Do **not** send this Insert for marking. Keep it in the centre or recycle it.

INFORMATION

- This Insert contains the pre-release material that you have already seen.
- This document has **4** pages.

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Password Manager

Introduction

E James uses many websites and has different accounts that require passwords to access. They used to keep a list of websites and the username and passwords for each, in a text file on their phone.

A friend of E James has recommended that they install a password manager app onto their phone, as the text file method they were using is unsafe.

E James has decided to install a password manager app onto their phone and transfer all the details from the text file into it.

Setup of password manager

Website	Username	Password
bbc.co.uk	EJames	James123
netflix.com	JamesE	James321
nowtv.com	EJames	James123

The password manager app has a main username and a password that is used to access it. The username and password are also used to access the website of the password manager which contains a backup of the data stored on the phone.

The password manager app also has the facility to provide a list of suggested passwords.

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Further Research

To prepare for the examination, you should research the following themes:

- Cyber security incidents that could be caused by access being gained to the password manager by an attacker.
- The threats to the data stored in the password manager on the phone.
- The different methods that can be used to obtain the passwords stored in the password manager on the phone.
- The different considerations that need to be made before using a password manager.
- The different methods that can be used to protect data on the phone.
- Methods to reduce the impact of a cyber security incident.

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