

SAMPLE ASSESSMENT MATERIAL

Level 3 Cambridge Technical in IT

05838/ 05839/ 05840/ 05841/ 05842

Unit 2 Global Information

PRE-RELEASE

Date – Morning/Afternoon

Time Allowed: 1 hour 30 minutes

INSTRUCTIONS TO CANDIDATES

- This pre-release material may be given to candidates at any time after receipt by the Centre.

INFORMATION FOR CANDIDATES

- You may make yourself familiar with the pre-release material before you take the examination.
- You must **not** take notes into the examination.
- **A clean copy of this pre-release material will be given to you with the question paper.**
- You must **not** take this copy of the pre-release material into the examination.
- This document consists of 5 pages. Any blank pages are indicated.

INSTRUCTIONS TO EXAMS OFFICER/INVIGILATOR

- Do not send this Insert for marking; it should be retained in the centre or recycled.
Please contact OCR Copyright should you wish to re-use this document.

Organisational profile

Introduction

Progress Vision is a UK-based charity that works around the World providing eye care. Although the administration centre, optical workshop and main fund raising activities are in the UK, the majority of staff work abroad, in developing countries.

Activities

Progress Vision's main activities in the UK are:

- fund raising
- increasing awareness of its work
- sourcing glasses to be recycled (new and used)
- repairing pairs of glasses
- refurbishing computers and ophthalmic test equipment donated within the UK
- training field workers to carry out eye examinations
- training field technicians to install and maintain computers and test equipment.

Progress Vision's main activities in developing countries are:

- providing free eye examinations to target groups of people
- prescribing and supplying recycled glasses as needed to the target groups
- commissioning the refurbished computers and ophthalmic test equipment
- training local medical staff to use the computers and test equipment and also to prescribe glasses themselves.

As well as the patient data from its own eye tests, Progress Vision receives patient information from the health services in some of the countries with which it works; this allows it to help more people. Once Progress Vision has issued glasses to a patient, it sends the relevant information to the health service of that country.

Website

Progress Vision has a website structure consisting of five static web pages as shown in **Fig. 1**. Each static web page contains text, images and an animated banner. The 'Our Projects' web page also has four videos of Progress Vision's work overseas. The 'Support Us' web page has a link to a thirdparty website called 'Give-Free'.

Donations

The Give-Free website allows individuals in the UK to make online donations to Progress Vision using payment cards. It also allows UK donors to set up regular direct debit payments. Give-Free transfers 100% of every donation to Progress Vision's bank account. Every week, Give-Free sends information about the donors and the amounts donated, to the finance department at Progress Vision as a spreadsheet file that is sent via email. An example is shown in **Fig. 2**.

Optical workshop

On average, the optical workshop at Progress Vision processes approximately 10 000 pairs of glasses each year. It receives recycled pairs of glasses from opticians and charity shops. In addition, it is sent customer returns and unsold frames from several manufacturers. The workshop has to store and catalogue each pair of glasses as well as spare parts purchased, recording the data in a computer database.

This database is used to record:

- data about each pair of glasses worked on
- data on each employee working in the optical workshop
- data on all spare parts in stock, including the price and supplier
- contact data on each supplier used.

The database is backed up at the end of every day on to removable media which the workshop manager then takes home.

Fig.3 shows an excerpt from the 'Jobs' database table, showing some complete records. The actual database table contains all the data about every pair of glasses that the optical workshop has worked on for the last five years.

Appendix

Structure diagram of the current Progress Vision website

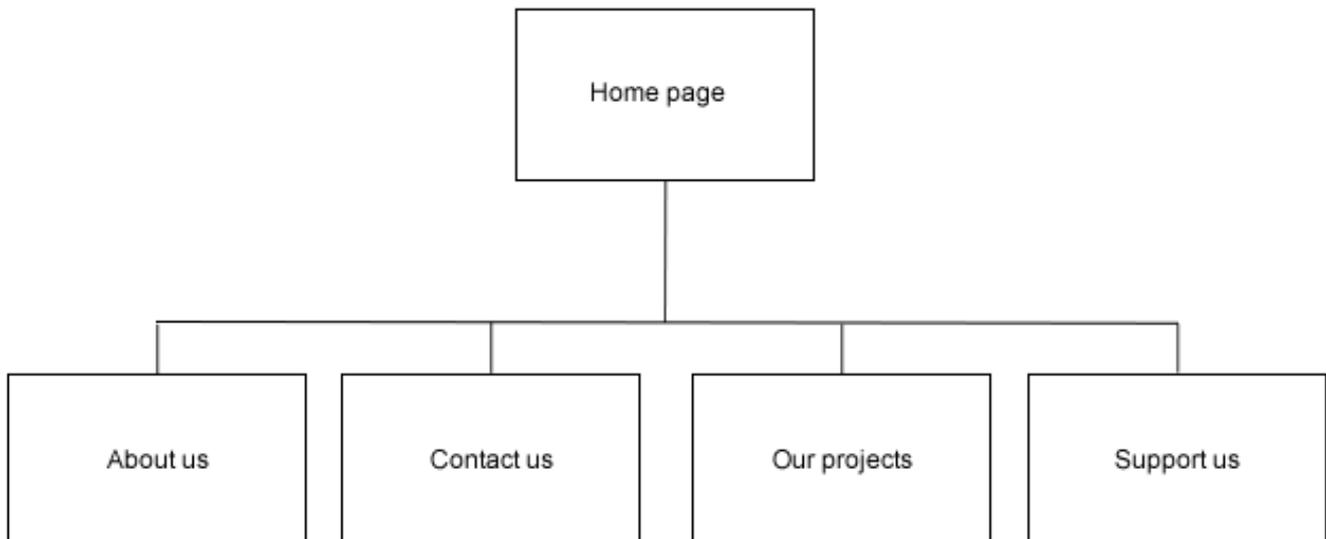


Fig. 1

Excerpt from a spreadsheet sent from Give-Free to Progress Vision

Unique Payment ID	Date	Time	Value	Title	First Name	Last Name	Payment Card
123785	12/02/2014	11:04	£5.00	Ms	Maya	Rai	xxxx-xxxx-xxxx-1276
123786	12/02/2014	12:12	£10.00	Miss	Katie	Starling	xxxx-xxxx-xxxx-6478
123787	12/02/2014	12:22	£10.00	Mr	Douglas	Grace	xxxx-xxxx-xxxx-2704
123788	12/02/2014	12:27	£5.00	Sir	Adam	Hussein	xxxx-xxxx-xxxx-7467
123789	12/02/2014	12:28	£23.00	Ms	Alberta	Wright	xxxx-xxxx-xxxx-4533
123790	12/02/2014	12:40	£12.00	Mrs	Kathleen	Retallick	xxxx-xxxx-xxxx-1122
123791	12/02/2014	12:56	£4.00	Mrs	Louisa	Mahon	xxxx-xxxx-xxxx-7893

Fig. 2

Excerpt from the 'Jobs' database table used in the optical workshop

Unique job	Job type	Time taken	Ready to ship	Date received	Shipment date	Prescription	Frame colour	Condition
1	Re-lens	00:20	<input checked="" type="checkbox"/>	13/05/2014	28/07/2014	+1.5 -0.90 100	Red	Mint
2	Re-lens	00:12	<input type="checkbox"/>	13/05/2014		+2.25 -0.75 65	Silver	Good
3	Polish lens	00:16	<input checked="" type="checkbox"/>	14/05/2014	12/02/2015	+1.25 -0.90 85	Black	Good
4	Clean	00:05	<input checked="" type="checkbox"/>	14/05/2014	07/09/2014	+1.5 -0.80 100	Gold	Average

Fig. 3

Further research suggestions

- Research data analysis tools that could be used by individuals and small organisations.
- Research the legislation/regulation relating to information security and data protection in the UK and overseas.
- Research the ways in which charities use web sites to raise awareness of their work.
- Research how and why different information formats and different information styles are used on the World Wide Web.
- Research how the quality of information can affect organisations.
- Research how organisations handle personal data, the ways in which anonymisation can be used to maintain privacy and the dangers of re-identification.

PLEASE DO NOT WRITE ON THIS PAGE

OCR

Oxford Cambridge and RSA

Copyright Information:

OCR is committed to seeking permission to reproduce all third-party content that it uses in its assessment materials. OCR has attempted to identify and contact all copyright holders whose work is used in this paper. To avoid the issue of disclosure of answer-related information to candidates, all copyright acknowledgements are reproduced in the OCR Copyright Acknowledgements Booklet. This is produced for each series of examinations and is freely available to download from our public website (www.ocr.org.uk) after the live examination series.

If OCR has unwittingly failed to correctly acknowledge or clear any third-party content in this assessment material OCR will be happy to correct its mistake at the earliest possible opportunity.

For queries or further information please contact the Copyright Team, First Floor, 9 Hills Road, Cambridge CB2 1GE.

OCR is part of the Cambridge Assessment Group. Cambridge Assessment is the brand name of University of Cambridge Local Examinations Syndicate (UCLES), which is itself a department of the University of Cambridge.

Oxford Cambridge and RSA Examinations is a Company Limited by Guarantee
Registered in England

Registered Office: 1 Hills Road, Cambridge, CB1 2EU

Registered Company Number: 3484466

OCR is an exempt Charity

© OCR 2015