



INFORMATION AND COMMUNICATION TECHNOLOGY

5924/03

Paper 3 School based project

October/November 2024

26 hours

Total: 100 Marks

INSTRUCTIONS TO CANDIDATES

- 1** Information and Communication Technology Paper 3 is a school-based project that is to be submitted to ECESWA by 31st October 2024.
- 2** From the given **Situation** you are to undertake a school-based project which consists of an **A4 size portfolio** and an **ICT Solution**.
- 3** The work must be original and submitted by yourself as an individual.
- 4** You are expected to come up with a written proposal by 31st March 2024.
- 5** You are allowed to consult with your teacher on the development of the project.
- 6** You are expected to cooperate with the external examiner who will be coming at certain intervals to assess the development stages of your project.
- 7** You are required to document evidence of the development stages of your project in the portfolio.
- 8** The portfolio should be availed to the external examiner on demand.
- 9** You are expected to include all write-ups for the different stages in the **portfolio** which must be submitted to ECESWA by 31st October 2024.

A Situation of the project is described in Figure 1. Using the situation, you are to complete the 3 stages of this project.

Project Specification

Figure 1

SITUATION

THEME: ICT SOLUTIONS

Decide the speciality of your small business enterprise and the products and services you will offer.

You have been invited to do a presentation of your small business enterprise at a function prepared by the *Ezprim Development Coms (EZDC)*. A variety of potential sponsors and customers will be present.

Create a solution to advertise your business, products and services you are developing in the area of specialisation.

The solution must meet the following conditions:

1. It must integrate dynamic information from other sources. i.e. shapes, images, charts, videos, audio, text and tables
2. It must have presenter notes
3. It must have transitions and animations
4. It must have hyperlinks that will open up the business document(s) you will create
5. It must have a master slide to create a consistent theme in the slides.

After the demonstration, you are required to give the audience some hard copies to take home. Create one of the following business documents:

1. Brochure
2. Flyer
3. Newsletter

Make sure that your work is relevant to your target market and meets the intended purpose. The design must be consistent using the same colour schemes, logos and house styles.

From this **Situation** you are to complete the stages as described below.

The project consists of three (3) stages as follows:

Stage 1 - Proposal - 15 marks

A proposal on how to solve a given situation using ICT solutions. The proposal will be submitted in soft copy (pdf) and hard copy by 31st of March 2024.

The proposal should include:

- **Introduction** – background and purpose of the project [2]
- **Problem statement** – identification of ICT solutions that could be used to solve the situation given. [2]
- **Justification** – why use the particular ICT solution to solve the problem? i.e. Analysis of research leading to a justified reason for using ICT solution [5]
- **Methodology** – outline of the steps to follow to achieve the final solution. [4]
- **Time frame** – anticipated completion dates for each stage of project [1]
- **References** – list of sources of information [1]

Stage 2 - Development stages (of ICT solution) - 75 marks

Design (30 marks)

Produce a system design document which should include details of the design to solve the given problem.

This must include:

- Design of master slide and slides. The master slide must maintain a consistent house style throughout and include a logo and header and footer. Slides must integrate dynamic information from other sources as outlined in the Situation and include text, tables, hyperlinks to business document(s) you will create, and still and moving images. [12]
- Hardware and software requirements [3]
- Animations and slide transitions [2]
- Presenter notes [3]
- Brochure or Flyer or Newsletter which must include:
 - company logo
 - company details
 - objectives of information
 - fonts to be used
 - colour schemes
 - objects to be included. i.e tables, images, shapes [10]

Testing (10 marks)

This is the detailed test plan that will be carried out in each stage of development of the ICT solution and of the final product. It should also include the test results and improvements or changes made to the system as a result of testing.

- Test plan (showing test data and expected outcome) [6]
- Testing and improvements [4]

Implementation and Product realisation (25 marks)

Develop the ICT solution based on the design specification.

Product realisation will be the completed ICT solution (software) which should be completed to a high standard, made with precision and accuracy. It should meet all that was set in the design specification and system requirements.

Documentation (10 marks)

Produce a user document. This must include:

- purpose of the system [2]
- hardware and software requirements [2]
- How to play slide show [1]
- How to navigate slides [1]
- How to show presenter notes [1]
- How to save [1]
- How to print [1]
- frequently asked questions [1]

Stage 3 Evaluation (10 marks)

You are required to evaluate your completed ICT solution against the original tasks requirements.

The evaluation should include:

- how the completed ICT solution meets your business requirements [2]
- issues you identified and how you overcame them [4]
- limitations of the system and improvements that can be made [4]

Report/Portfolio Submission mode

Report should be submitted as a softcopy in pdf format and as a hard copy booklet. This document must be presented in Arial font style, size 11 with 1.5-line spacing.

Checklist:**Items to be submitted to ECESWA**

ITEM	DATE SUBMITTED
Formal proposal document	
Design specification document	
Test plan containing iterative tests of iterative test during development of ICT solution and final testing	
Completed ICT solution (software)	
User documentation	
Final evaluation report	

The Project is assessed by the subject teacher and the external examiner over the duration of the project.

The external examiner will assess each stage of the project.

Submission Dates

- Proposal by 31st March 2024
- Project Report and Portfolio by 31st October 2024

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