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**A TECHNICAL REPORT AND PRESENTATION
ON
STUDENT INDUSTRIAL WORK EXPERIENCE
SCHEME (SIWES)**

HELD AT

REFRESH COMPUTER CONSULT

TAIWO OWO NI BOY'S STREET BEHIND ECO-BANK ILORIN

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DEDICATION

I dedicate this project to Almighty God for his protection over me during SIWES program and my wonderful parent for their moral and financial support towards my academic career may God guide and protect them all. (AMEN)

ACKNOWLEDGEMENT

A report of this magnitude definitely involved more than just my hand work alone. In consequence to that, it is important that effort of the people who contribute to success of this program be acknowledge.

First of all am grateful to Almighty God and my dearest parent **MR/MRS ZUBAIR** for Their moral and financial support to my academics, in fact they are the best, my friends and my SIWES supervisor for their cooperation for making it possible for me to round up my program.

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CHAPTER ONE

1.1 INTRODUCTION

The Student Industrial Work Experience Scheme (**SIWES**) is a programme embark on to give student specialized skill and acquisition of knowledge in their field of study. It also serves as a motive that compliments learning and encourages the attachment of students in industries, companies and firms based on their discipline. Students are thereby compelled as a matter of necessity to acquire certain educational skill and knowledge either in Polytechnic, University or College of Education.

1.2 DEFINITION OF SIWES

SIWES which is also known as Student Industrial Work Experience Scheme is an aid which enables students to have practical knowledge pertaining to their field of study. It is a program that involves the higher institution knowledge in relation to national board for technical education.

1.3 AIMS AND OBJECTIVES

- To expose students on a particular field they have focused on.
- To enable students face challenges.
- To enable them gain more experience.
- To help students acquire skills.
- To enlighten students about the practical aspect of their field of study.

CHAPTER TWO

2.1 HISTORICAL BACKGROUND OF THE ORGANIZATION

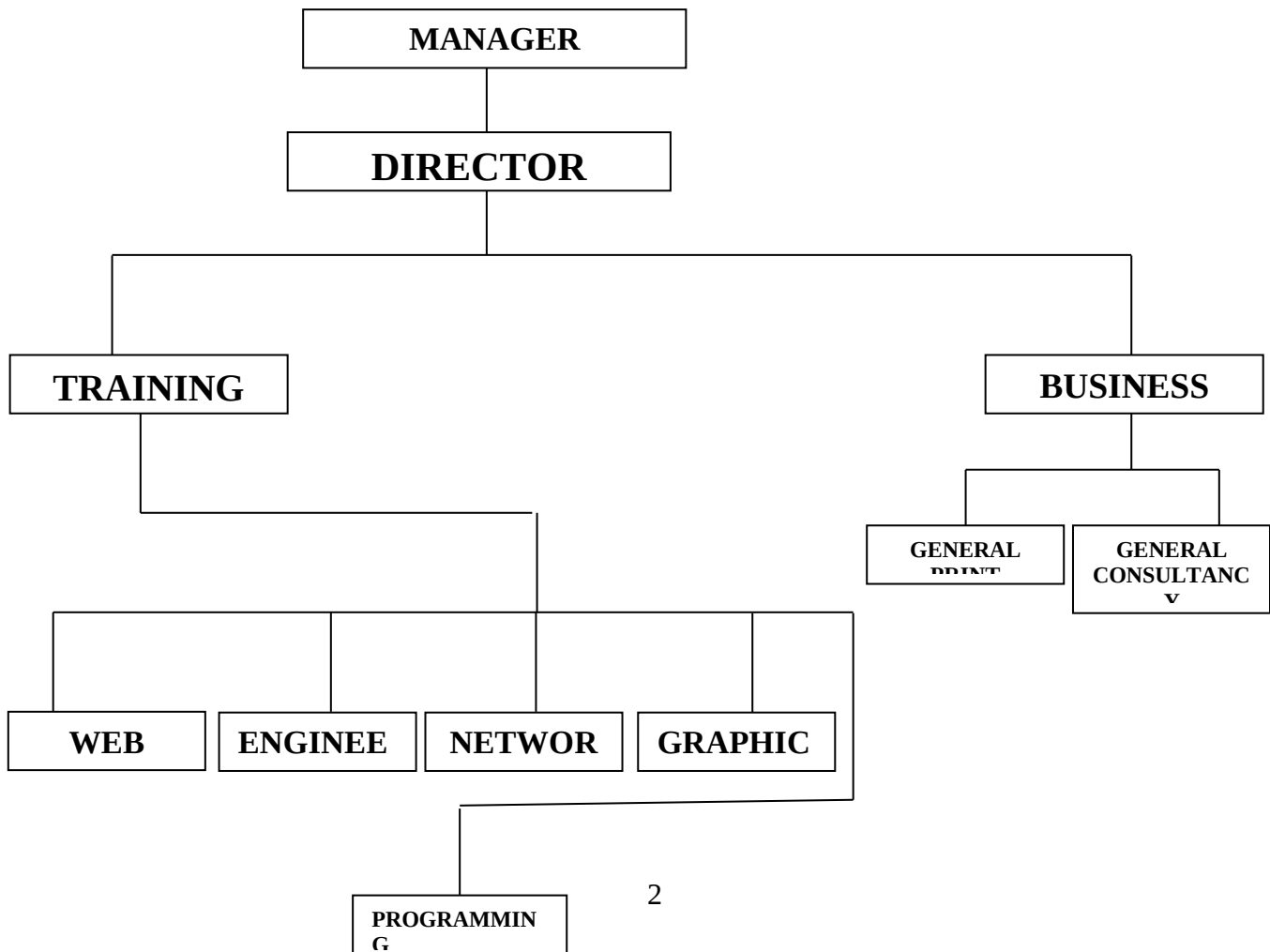
REFRESH COMPUTER CONSULT was created in the year 2014 and then it was located at

TAIWO OWO NI BOY'S STREET BEHIND ECO-BANK
ILORIN KWARA STATE, NIGERIA

REFRESH COMPUTER CONSULT is committed to creating, developing and using the best technologies and method available in the technical training field to bridge the digital divide to be a global village.

2.2 ORGANIZATION CHART

REFRESH COMPUTER CONSULT ORGANIZATIONAL CHART



2.3 MAJOR ACTIVITIES OF THE ORGANIZATION

The ORGANIZATION deals mainly with Web site Design and development, Graphic, Software etc. the organization sell system both coupled and in part, they also have engineering department that repair the faulty system both hardware and software.

2.4 SECTIONAL/UNIT OF THE ORGANIZATION WITH THEIR SPECIFIC FUNCTIONS.

These are the various units of the organization and their specific functions:

Director: is the head of the management and he is also in charge of the organization affairs.

Business Department: This section is in charge of troubleshooting, maintenances of PC.

Engineering Department: They deal with repairing of the system.

Training Centre: This is where student are being lectured.

CHAPTER THREE

3.1 STUDENT SPECIFIC INVOLVEMENT IN VARIOUS SECTION/UNIT

Since the major aim and objective the SIWES program is to enlighten students more with the practical aspect in respect to the theoretical aspect that they have been taught in class.

I was attached to the training section, where I was introduced to *graphic design* (*CorelDRAW*).

What is graphic design?

Graphic design is the art and practice of planning and projecting ideas and experiences through visual and textual content. It involves the use of typography, imagery, color, layout, and other design elements to convey messages effectively. Graphic designers create visuals for a wide range of mediums, including print (brochures, posters, packaging), digital (websites, social media, apps), and environmental design (signage, exhibitions).

GRAPHICS DESIGN Tags

In the context of **graphic design**, "tags" are not a standard term but can refer to concepts or tools that help in organizing, categorizing, or describing design elements. Below are various interpretations of "tags" in graphic design and how they might apply.

GRAPHICS DESIGN TAGS BELOW:

1. Metadata Tags

- **Use:** Tags added to design files (e.g., project name, keywords, date) for better file organization and searchability.
- **Example:** Tagging files with terms like "branding," "logo design," or "social media" in file properties or a design management tool.

2. Typography Tags

- **Use:** Tags for classifying fonts or text styles within a design project.
- **Example:** Labeling text elements as <Header>, <Body>, or <Subtitle> for consistent formatting.

3. Design Component Tags

- **Use:** Labels applied to reusable components (e.g., buttons, icons) in design software.
- **Example:** In tools like Figma or Adobe XD, you might tag components with "navigation," "CTA button," or "footer."

4. Organizational Tags in Software

- **In CorelDRAW:** Tags might be used as layer names, object names, or in the metadata for organizing complex designs.
- **In Adobe Illustrator/Photoshop:** Layers, artboards, or groups can be tagged or named for clarity.

5. Color Tags

- **Use:** Labels for colors or color palettes to ensure consistent use in branding.
- **Example:** Tagging a palette as "Corporate Colors" or "Event Theme."

BENEFITS OF USING TAGS IN GRAPHIC DESIGN

- **Improved Organization:** Tags help manage assets, layers, and components efficiently.
- **Enhanced Collaboration:** Easier communication among team members with clear labels and annotations.
- **Consistency:** Ensures uniform use of colors, typography, and other design elements.
- **Quick Access:** Simplifies finding specific assets or files in large projects.

WHAT IS CorelDRAW?

CorelDRAW is a vector graphics design software developed by Corel Corporation. It is widely used for creating illustrations, layouts, logos, typography, and various other graphic design projects. It is a part of the CorelDRAW Graphics Suite, which includes additional tools for photo editing, font management, and web design.

WHY USE CorelDRAW?

- **User-Friendly Interface:** Intuitive and easy-to-learn tools, suitable for beginners and professionals alike.
- **Versatility:** Ideal for both print and digital design projects.
- **Cost-Effective:** Generally, less expensive than competing software like Adobe Illustrator.
- **Powerful Features:** Combines advanced design tools with efficient workflows.

Whether you're a graphic designer, artist, or business owner, CorelDRAW provides a comprehensive set of tools to create professional-grade designs.

KEY FEATURES OF CorelDRAW

1. Vector Graphics Creation:

- CorelDRAW specializes in vector graphics, allowing users to create scalable designs without losing quality.
- Perfect for logos, illustrations, and print designs.

2. Page Layout:

- Includes tools for creating multi-page layouts, ideal for brochures, magazines, and presentations.

3. Typography Tools:

- Advanced text formatting options, including OpenType support, text effects, and interactive text frames.

4. Color Management:

- Supports precise color profiles for print and digital media. It allows designers to manage and create custom color palettes.

5. Drawing and Illustration Tools:

- Offers various drawing tools like Bezier, Pen, and Shape tools for creating detailed illustrations and designs.

6. Photo Editing:

- While not as advanced as dedicated photo editing tools like Adobe Photoshop, CorelDRAW includes photo editing capabilities through its companion software, Corel PHOTO-PAINT.

7. Templates and Presets:

- Includes pre-designed templates for flyers, business cards, and other projects to save time.

8. File Compatibility:

- Supports a wide range of file formats, including AI, PSD, PDF, SVG, and EPS, ensuring compatibility with other design software.

9. Collaboration Tools:

- Recent versions include cloud-based collaboration features, allowing teams to share and comment on designs in real-time.

10. Customizable Interface:

- Offers a highly customizable workspace, making it adaptable to individual workflows.

WHAT IS TAGS IN CorelDRAW?

In CorelDRAW, tags as a concept don't directly exist like they do in web development (e.g., HTML tags). However, you might be referring to specific tools, features, or elements within CorelDRAW that help organize, format, and work on designs.

TAGS AND THEIR USES IN CorelDRAW

1. Layers:

- **Use:** Layers in CorelDRAW act as organizational tags for grouping objects. You can label, lock, or hide layers to manage complex designs.
- **Example:** Use a layer for background elements and another for text to maintain clarity while editing.

2. Object Styles:

- **Use:** Object styles let you define and apply consistent attributes (e.g., fills, outlines, and text styles) across multiple objects.
- **Example:** Tag objects with a style to ensure uniformity in a multi-page document.

3. Color Styles:

- **Use:** Helps tag and manage colors used in the design. You can apply consistent color schemes or replace colors throughout a document.
- **Example:** Create a "brand colors" palette to ensure consistent branding.

4. Object Manager:

- **Use:** The Object Manager lets you tag objects by organizing them into named groups or layers, making navigation easier in complex designs.
- **Example:** Name objects or groups like "Logo" or "Background Shapes" for quick identification.

5. Symbols:

- **Use:** Symbols in CorelDRAW allow you to create reusable design elements. Think of these as "tagged" components that maintain consistency.
- **Example:** Use symbols for a company logo across multiple pages.

6. Metadata (Tags for Files):

- **Use:** Metadata can be added to CorelDRAW files for tagging purposes, like keywords, descriptions, or titles. This makes it easier to search for and categorize files.
- **Example:** Add metadata tags like "flyer," "2025 campaign," or "social media" for efficient file management.

7. Text Tags (Inside Designs):

- **Use:** Designers sometimes use placeholder text or specific tags in designs to denote where content will be inserted.
- **Example:** Use tags like <Header>, <Subtitle>, or <Body> as placeholders for text formatting.

8. Page Number Tags:

- **Use:** When creating multi-page documents, you can use automatic page numbering to "tag" pages with sequential numbers.
- **Example:** Add page numbers to a brochure or catalog.

9. Guidelines and Grids:

- **Use:** These act as visual "tags" to help align and organize design elements.
- **Example:** Use gridlines to tag specific alignment zones for logos or text.

COMMON USES OF CorelDRAW

1. Graphic Design:

- Creation of posters, banners, and promotional materials.

2. Branding:

- Designing logos, business cards, and stationery.

3. Advertising:

- Layouts for print ads and digital media.

4. Product Packaging:

- Vector-based packaging designs for various products.

5. Illustration:

- Detailed vector illustrations for books, magazines, and websites.

STEPS TO SAVE YOUR DESIGN IN CorelDRAW

1. Finish Your Design

Ensure your design is complete, or save it as a draft if you're still working on it.

2. Go to the File Menu

- Click on **File** in the top menu bar.
- A dropdown menu will appear.

3. Choose Save or Save As

- **Save:** Updates the existing file.
- **Save As:** Allows you to save a new copy or change the file format or location.

4. Select the File Location

- In the dialog box that appears, choose the folder where you want to save your design.

- Navigate to the desired location on your computer or external drive.

5. Enter the File Name

- Type a name for your file in the **File Name** field to identify it easily later.

6. Choose the File Format

CorelDRAW offers various file formats. Common ones include:

- **.CDR**: CorelDRAW's native format, ideal for editing later.
- **.PDF**: For sharing and printing.
- **.EPS, .SVG, .AI**: For compatibility with other graphic software.
- **.PNG, .JPG**: For web or non-editable image formats.

7. Adjust Save Options (Optional)

- If saving in **.CDR**, you can select the CorelDRAW version to ensure compatibility with older software versions.
- For **.PDF**, you can configure settings like resolution and compression.

8. Click Save

- Once all settings are configured, click the **Save** button.
- If prompted, confirm any additional options, such as enabling file backup or embedding fonts.

9. Verify the Save

- Double-check the saved file in your chosen location to ensure it is saved correctly.
- Open the file to confirm its integrity, especially if exported to a different format.

CHAPTER FOUR

4.1 DISCUSSION

I gained a lot of things during my attachment in the organization. I was introduced to application software, CorelDRAW.

4.2 RELEVANCE OF EXPERIENCE GAINED TO STUDENT FIELD OF STUDY

- i. It enables me to practical zed the theoretical aspect of my course.
- ii. It enables me to know the important and usefulness of computer to man
- iii It enables me to expose to the activity involved in the system.

4.3 INTERPERSONAL RELATIONSHIP WITH THE ORGANIZATION

REFRESH COMPUTER CONSULT is a nice organization where I was able to interact with the director, instructors and students of the organization. Even when I was about to round up my program, I felt like extending it but I have no option other than to leave.

CHAPTER FIVE

5.1 CONCLUSION

I appreciate the effort of The Federal Government of Nigeria for introducing such program (**i.e. SIWES**) Student Industrial Work Experience Scheme to enhance students practical knowledge in their various field of study.

5.2 PERSONAL IMPRESSION ABOUT THE ORGANIZATION

It is an organization where unity exists within the director, instructors, secretary and student and this has really contributed to the growth of the organization.

The organization where I did my SIWES training can be recommended to any individual who is ready to acquire computer knowledge; they offer courses like **Data** processing, desktop publishing e.t.c. Also they offer professional courses like *Web Design, Graphics Design, AutoCAD, Computer Engineering and computer appreciation etc.*

5.3 SUGGESTION AND RECOMMENDATION TO THE ORGANIZATION

I am appealing to the organization to give **SIWES** applicant a helping hand because they can both learn from each other.

5.4 TO THE POLYTECHNIC

I am appealing to all Polytechnics that they should get all their students engaged in the **SIWES** program because I believe it is a program that can boost student's practical knowledge about the theoretical aspect they have been taught in school. It also makes the student to learn more on how to interact with people and how to work.