



NATIONAL PRACTICAL EXAMINATIONS – SCHOOL YEAR 2022 - 2023
SUMMATIVE/INTEGRATED ASSESSMENT

ASSESSMENT SYNTHETIC FORM (CANDIDATE's RESULTS)

Assessment Details		Candidate's Personal Detail (To be Assessed)	
TVET SECTOR:	ICT	Names:	
Sub-SECTOR/ TRADE:	SOFTWARE DEVELOPMENT		
REQF LEVEL:	5	ID No:	
QUALIFICATION TITLE:	TVET CERTIFICATE V IN SOFTWARE DEVELOPMENT	Index No:	
Duration of Assessment:		Name of the School:	
Practical Examinations center:		Address of the School (District):	
Date of Assessment:			

INTEGRATED SITUATION

LAVINIA TSS is a school located in Northern Province, Rulindo District, Buyoga sector. It has two sectors and three trades as follow:

- **Sector 1: ICT and Multimedia:**

- Trade 1: Software development (level3, level 4 and level 5).
- Trade 2: Networking and internet technology (Level 3, level 4 and level 5).

- **Sector 2: Hospitality and Tourism**

- Trade 3: Tourism (Level 3, level 4 and level 5).

In this school, the following activities are carried out by different staff members:

- ✚ The deputy school manager in charge of training records trainees marks and makes report cards,
- ✚ The School Manager controls and manages employees' information,
- ✚ The Secretary registers trainees and manages their information,
- ✚ The Storekeeper manages the school stock,
- ✚ The Shopkeeper manages the production unit.

Because the school is still using traditional method of keeping information where recording of data is done by using papers and books; the school has a problem of difficulty in data accessibility, data insecurity, hard to make reports, and lack of information integrity. To overcome the problems above, the school decided to hire a database designer to design a database model and a web application developer to develop a web application to computerize the school activities.

TASK 3: Trainees registration

The school has hired you as a web application developer to develop the web application for LAVINIA that will manage the trainees' registration.

The application allows the Secretary to:

1. Create an account, login by using UserName and Password then logout
2. Insert, Retrieve, Update, and Delete records from forms of all tables given below.
3. Generate a report which will show a trainees' information.

INFORMATION:

A database called TRAINEES_INFO_MANAGEMENT was designed by the database designer having the following tables:

- Trades (tradeCode(pk), TradeName)
- Trainees (traineeId(pk), tFirstName, tLastName, tGender, DOB, ParentNationalId(FK), tradeCode(FK), Level)
- Parents (ParentNationalId(pk), pFirstName, pLastName, pGender, PhoneNumber, District)

INSTRUCTIONS:

- Your work should be saved in your real names in a folder called (FirstName_LastName_National_Practical_Exam_2023) in htdocs for XAMPP or (FirstName_LastName_National_Practical_Exam_2023) in www for WAMP.
- The login is session based.
- The interface must be attractive.
- The forms must be linked to each other.
- After a successful login, the user will be able to record, update, retrieve, and delete records from a table.
- The application gives a way of displaying a report of stock in and stock out.
- The application is needed in seven (7) hours.

S/N	Criteria	Internal Assessor's names (1)	Internal Assessor's names (2)	Internal Assessor's names (3)	Average
		Points (P)	Points (P)	Points (P)	
1	Quality of Process (20%)				
2	Quality of Product (60%)				
3	Relevance (5%)				
4	Right attitudes (5%)				
5	Oral Questioning (10%)				
Result/100					

Note: All single forms from each assessor must complement this form.

Assessors:

No.	Name	Institution	Qualification	Phone	Signature
1					
2					
3					

Verified by Trade Assessment Coordinator (TAC):

No.	Name	Institution	Qualification	Phone	Signature
1					

Note: All pages must have initial signatures of Assessors, TAC, and Headmaster.

Done on, 2023 at (hour) Examination center:

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Headmaster
(printed name and signature with school stamp)