SCHOOL OF ICT

DEPARTMENT OF COMPUTER AND SOFTWARE ENGINEERING

ACADEMIC YEAR: 2021-2022

LOG BOOK

Name of student: …**BIZIYAREMYE ALPHOSNSE**……Reg. No……**220011657**…..

Department/Programme: ……**COMPUTER AND SOFTWARE ENGINEERING (CSE)**……………

Name of company/Organization…**RWANDA ENERGY GROUP (REG)**……

Weekly Report No: …**2**…From: …**06/2/2023**…..to…**10/02/2023**……..

Day/date	Brief description of work performed	No. of hours
Monday	Project planning	3
06/02/2023	Continue project planning	3
Tuesday	Define scope	3
07/02/2023	Define roles and responsibilities	3
Wednesday	Functional requirement	3
08/02/2023	Non functional requirement	3
Thursday	ERD and conception database design User	3
09/02/2023	Use case design	3
Friday	Installing software's used for implementation	3
10/02/2023	Configure the project document for coding	3
Saturday		
Total hours		30

Sequence of activities for main job/assignment		
Project planning	Continue project planning	Define scope
Define roles and responsibilities	Define functional requirements	Define non-functional requirements
Install software and tools required for implementation	Design use cases for the project	Design Entity Relationship Diagram (ERD) and conceptual database design for the user
Configure project documents for coding	Develop the project code according to requirements and design specifications	

Note: Absence of trainee must be indicated on the log book

Details of main job

Project planning: This involves developing a plan that outlines the project scope, timelines, budget, and resources required to successfully complete the project.

Continuing project planning: Once the initial plan is developed, the main job involves continuing to refine and update the plan as needed throughout the project lifecycle.

Defining scope: This involves identifying the project goals, deliverables, and objectives to ensure that the project stays on track and aligns with the overall business strategy.

Defining roles and responsibilities: This involves clearly defining the roles and responsibilities of each team member to ensure that everyone understands their tasks and is held accountable for their work.

Defining functional requirements: This involves defining the specific features and functionalities that the project must include to meet user needs and achieve project objectives.

Defining non-functional requirements: This involves defining the performance, security, usability, and other non-functional requirements that the project must meet to be considered successful.

Designing the Entity Relationship Diagram (ERD) and conceptual database design for the user: This involves designing the database structure and relationships to ensure that the project can store, manage, and retrieve data effectively.

Designing use cases for the project: This involves defining how the end-users will interact with the project and what specific actions they will perform to achieve their goals.

Installing software and tools required for implementation: This involves setting up the development environment and installing the software and tools required to develop and test the project.

Configuring project documents for coding: This involves setting up the code repository, creating coding standards, and configuring the development environment to ensure that coding is consistent and efficient.

Overall, the main job involves a mix of project management, software development, and database design, and requires a high level of attention to detail and collaboration with team members to ensure success

Name of Training Officer: …………………………………………………………………………
Signature: ………………………………………………………………………………………
Checked date: …………………………………………………………………………………..