

COPPERBELT UNIVERSITY

SCHOOL OF INFORMATION COMMUNICATION AND TECHNOLOGY

COURSE: CS 150 INTRODUCTION TO COMPUTER PROGRAMMING

ASSIGNMENT ONE (Z-HUB REQUIREMENTS)

BY GROUP: NINE (9)

MEMBERS:

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Z-HUB REQUIREMENTS

1. Functional Requirements

No	Name of Requirement	Description	Priority (MoSCoW)
1	User Login	Allowing authorised users to have access.	M
2	User Registration	Allowing users to be registered into the system	M
3	Manage Records	Users can add, delete, search, edit and display the category of innovations	M
4	Store Data	Upon program executions all user records must be stored in required files	M
5	User Permissions	User roles (Hub Manager, Coordinator and Technicians) must have different permissions to execute such as (add, edit, delete, view, etcetera)	M
6	User-Friendly-Interface	Easy and well designed interface for the system	M

2. Non-Functional Requirements

No	Name of Requirement	Description	Priority (MoSCoW)
1	Security	Authentication security and Data Privacy: Accessible by only authorised users and aim to protect user's data.	M
2	Performance	It should be efficiency enough and be able to give response inline with or according to the user's tempt (action).	M
3	Reliability	Data corruption, must be prevented during or after storing or fetching of data. And the availability of the system for use at any point of time must be necessary.	M
4	Scalability/ Ability to Grow	As the system grows so must its accommodation capacity to be able to consume large users.	M
5	Documentation	Code Documentation: aids in understanding and maintenance of the system in the future time. User Manual: also aids in guiding users on how to get along with the system effectively.	M