

MONTHLY WORK REPORT

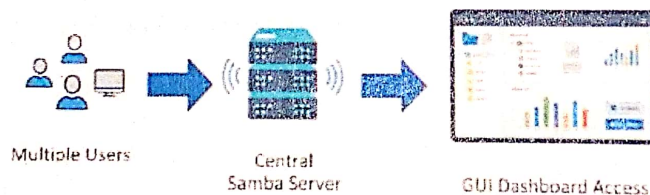
(To be filled by the Candidate)

Candidates Name: Mr. Moses Charlie Yalla	Designation: Intern
Period: 15 August 2025 - 13 September 2025	WBL Level: I
Department: Industrial Material and Systems division	Employee Code: 210
Name of the Supervisor: Mr. Abhishek Jha	Name of the HoD:
Name of the Project: Contributed in Centralized GUI Development and Samba Network Configuration for Collaborative Systems	
Technology Area: System Design & Interface Development	

Details of the work done

Objective:

To configure a **Samba-based centralized file-sharing setup** within the SAMEER network and explore **user-friendly GUI concepts** for unified data access, aiming to enhance collaboration, interface usability, and workflow efficiency.



Tools & Technologies Used:

- **Operating Systems:** Ubuntu (Server and Desktop)
- **Networking Tools:** Samba, SMB Configuration, Network Drive Mapping
- **Programming & Design Tools:** Python (Tkinter, PyQt for GUI prototype), HTML/CSS (for interface mockups)
- **Utilities:** VS Code, FileZilla, Terminal Commands, Google Colab (for remote testing)

Key Tasks Performed:

1. Samba Server Configuration

- Installed and configured **Samba** on Ubuntu to establish a shared file system accessible by multiple systems.
- Created user authentication and access permissions for centralized data storage.
- Tested connectivity and performance using both Windows and Linux clients.

2. Centralized GUI Exploration

- Designed a **GUI concept** for a centralized dashboard to access shared project folders and datasets.
- Studied **UI frameworks (Tkinter, PyQt)** for building cross-platform interfaces.
- Sketched wireframes focusing on **simplicity, accessibility, and system feedback**—aligning with design principles.

3. Integration with Existing SAMEER Workflow


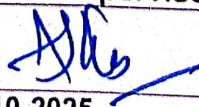
- Analyzed existing project file structures and suggested layout for hierarchical access (division → project → user).
- Documented visual design concepts for a **“Data Access GUI”**, integrating Samba backend with a Python-based front-end.

4. Documentation & Research

- Prepared visual documentation of GUI concepts and network maps.
- Studied open-source GUI dashboards to understand interaction design patterns.
- Maintained a technical + design-oriented journal explaining how system usability impacts productivity.

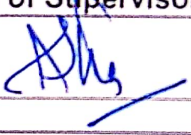
Learning Outcomes

- Understood **centralized networking concepts** (Samba, shared file systems, permissions).
- Gained insight into **how interface design affects usability and system interaction**.
- Learned to **merge software configuration with user experience design**, bridging computer science with design thinking.
- Strengthened ability to **visualize technical systems as user-centric tools**, a valuable foundation for M.Des aspirations in Interaction / System Design.

Signature of the Candidate	Signature of Supervisor	Signature of HoD
		
Date: 14-10-2025	Date: 14-10-2025	Date: 14-10-2025

CANDIDATE FEEDBACK

(To be filled and signed by the Supervisor/HoD)

Candidates Name: Mr. Moses Charlie Yalla		Designation: Intern
Month & Year: 15 August 2025 - 13 September 2025		WBL Level: I
Department: Industrial Material and Systems Division		Employee Code: 210
Name of the Supervisor: Mr. Abhishek Jha		Name of the HoD:
Name of the Project: Contributed in Centralized GUI Development and Samba Network Configuration for Collaborative Systems		
Sr. No.	Criterion	Marks in the Scale of 1-10 (1-Poor, 10-Excellent)
1	Initiative (personal drive, enthusiasm)	9
2	Acceptance of responsibility	8
3	Technical knowledge, problem solving skills and expertise	9
4	Work quality and output	9
5	Communication (Oral/Written) skills	9
6	Behavior, tact and courtesy	9
7	Attitude/willingness to work	10
8	Time management	9
9	Punctuality and regularly	9
10	Self-improvement	9
Overall Score (1-10)		9/10
Signature of Supervisor		Signature of HoD
		
Date: 14-10-2025		Date: 14-10-2025

Evaluation Guidelines:

1. Candidate will submit monthly work report to the supervisor.
2. Supervisor will submit his feedback on the work report to concerned Head of the Division.
3. Supervisor will forward the monthly report along with supervisor's feedback to center coordinator Shri. Vijay Sarode, WBL Coordinator (Email: vijay@sameer.gov.in)
4. Supervisor feedback should be in the format given above.
5. The Mid-term and End of term review of WBL candidates by TECH-MEC would be carried out based on evaluation of survey/Study, Design aspects, technology understanding, Initial Prototyping etc.

