### **Individual Contribution Report**

**1. Yusuf Molumo – Backend & File System Engineer**

As the primary developer and technical lead for this project, I took on multiple critical responsibilities beyond my assigned role. I led the entire backend development, implementing all core functionalities including task creation, updates, deletion, and persistent storage using MongoDB. I designed and wrote the OOP class architecture (Task, TaskManager), ensured encapsulation and modularity, and integrated the MongoDB database using Mongoose. I also handled extensive error handling, input validation, and ensured the application was fully robust and functional. Furthermore, I contributed to the design of the command-line interface using Inquirer.js and supported documentation and testing, ensuring every deliverable met the highest academic standard.

**2. Daniel Iryivuze – Project Lead & OOP Architect**

I helped in the early stages of the project by contributing ideas to the system design and architecture. I proposed the initial class-based structure and participated in outlining the use of Object-Oriented Programming (OOP) principles. I also created the UML class diagram and architectural plan, which guided the implementation.

**3. Latjor Wuon Lat Dak – CLI Interaction & UX Developer**

I provided suggestions for how prompts and navigation should feel in the terminal and shared example question flows for [Inquirer.js](http://inquirer.js). I also participated in providing feedback during usability testing and reviewed the application flow for accessibility.

**4. Nickitta Umuganwa Asimwe – Documentation & Quality Assurance Lead**

I supported documentation writing by contributing sections of the setup guide and helping review the README file. I also reviewed the final documentation draft to ensure that it adhered to academic format and clarity requirements. Additionally, I helped with general application testing by manually running some CLI tests and noting edge cases. I also joined in creating the UML class diagram