Appendix A.1 – Logbook

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| Week | Date | Task Performed | Team Member |
| 1 | 04/03/2025 | Project planning and initial research | Musab |
| 1 | 04/03/2025 | Reviewed requirements and divided initial roles | Yassen |
| 2 | 11/03/2025 | Implemented login and registration system | Musab |
| 2 | 11/03/2025 | Drafted initial report sections | Yassen |
| 3 | 18/03/2025 | Created zone layout on GUI | Gyu-Jin |
| 3 | 18/03/2025 | Setup basic CSV export system | Ifaz |
| 4 | 25/03/2025 | Integrated MQTT publisher and subscriber | Musab |
| 4 | 25/03/2025 | Tested MQTT functionality | Musa |
| 5 | 01/04/2025 | Implemented MQTT live feed in admin dashboard | Musab |
| 5 | 01/04/2025 | Conducted GUI alignment adjustments | Gyu-Jin |
| 6 | 08/04/2025 | Finalised testing and debugging | Musa |
| 6 | 08/04/2025 | Reviewed and added report content | Ifaz |
| 7 | 13/04/2025 | Generated diagrams and final report formatting | Musab |
| 7 | 13/04/2025 | Prepared presentation slides | Yassen |