# Project Logbook Template

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| **Name: Rashed Hasan Qahah** |
| **Project Title: Implementation of Big Data and IoT/AI Technologies in Irbid Specialist Hospital for the maternity ward to enable real-time monitoring, data archiving, and automation.** |
| **Date: 28/12/2024** |
| **Update on weekly research/tasks achieved**  **Points to consider:**  What have you completed? Researched Big Data and IoT/AI implementation in healthcare, reviewed literature on smart hospitals, and drafted a paper on IoT applications in maternity wards.  Did you fulfil task requirements? No, I have not met all the task requirements.  Are you on track and within deadlines set? Yes, the research progress is on track and aligns with the established deadlines. The completion of tasks is proceeding as planned.  Did you need to make any changes to your project management plan? No significant changes were made to the project management plan. |
| **Any risks and/or issues identified?**  **Points to consider:**  Did you identify risks/issues with a lack of skills required for undertaking research/tasks? Yes, I identified the need for additional expertise in specific areas of IoT implementation and I also needed to learn about how to find research.  Did you identify any additional risks/issues that have an impact on the project management plan? No. |
| **Problems encountered**  **Points to consider:**  What barriers did you face? The scarcity of sources specifically addressing the application of the Internet of Things (IoT) and Big Data in the maternity ward or other hospital departments.  How did you overcome them? I overcame these challenges by consistently delving into information sources with care. |
| **New ideas and change of project direction** |
| **What have I learnt about myself this week?**  **Points to consider:**  How did I feel when I had to deal with tasks/problems? Felt motivated and engaged when dealing with complex research tasks.  Did I find it useful to complete the tasks? Found the completion of tasks highly useful for advancing the project.  How well have I performed? What did I contribute? I did well at summarizing and integrating information into the research paper.  What can I improve on next week? Identified the need to improve time management for more efficient task completion.  How might this learning apply in the future? Understanding how to navigate and adapt to a lack of readily available information will be a valuable skill in future research endeavors. |
| **Tasks planned for next week**  **Points to consider:**  Which tasks are priority? Identify key challenges faced by hospitals in adopting IoT and Big Data technologies.  Have you set aside sufficient time for completion? |
| **Project plan status to date (on, ahead, behind): on.** |
| **Supervisor comments to address** |
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