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**Logbook**

**Name: Lakshmi Tentu**

**Grade: 7  
  
Project: How can we use technology to predict and help treat Myocardial Ischemia disease?**

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| **Date** | **Notes:** |
| **October \_\_5\_, 2023** | **Met with Ms. Bretner and had question approved.  Question: How can we use technology to predict and help treat Ischemia disease? Type of Project: The type of project will be a study.**  **Time Schedule**  **Whenever I am free, I will sit down at my dining table for an hour and see what I can get done.** |
| **October 15, 2023** | **Went through experimental/innovation/study rubric to understand components of project.** |
| **October 23, 2023** | **Made up background research as the base of my project.** |
| **November 1, 2023** | **Started formulating my problem.** |
| **November 17, 2023** | **Finished my problem.** |
| **November 25, 2023** | **Made my hypothesis.** |
| **December 1, 2023** | **Started research. Answered one question about Ischemia disease.** |
| **December 5, 2023** | **Did more research, answered one more question about Ischemia disease.** |
| **December 18, 2023** | **Did more research, answered 3 questions about Ischemia disease.** |
| **December 26, 2023** | **Finished research on Ischemia disease.** |
| **January 2, 2024** | **Started research on the three types of technology. Started with ECG** |
| **January 3, 2024** | **Finished 3 question about ECG** |
| **January 6, 2024** | **Finished one more question about ECG.** |
| **January 7, 2024** | **Finished section on ECG** |
| **January 15, 2024** | **Started to research about echocardiograms.** |
| **January 20, 2024** | **In the morning, I did more questions about echocardiograms and almost finished.**  **In the evening, I sat down for another 30 minutes and finished the echocardiogram section.** |
| **February 1, 2024** | **Started my Cardiac MRI section, did 2 questions.** |
| **February 4, 2024** | **Finished my Cardiac MRI section, which means I finished my research.** |
| **February 5, 2024** | **The people who I interviewed for my research were my aunt who is a biology teacher, and a family friend who is a doctor. I asked them questions on how Ischemia spreads and on how I can improve my research project.** |
| **February 6, 2024** | **Finished analysis chart.** |
| **February 7, 2024** | **Finished analysis paragraph.** |
| **February 9, 2024** | **Started my conclusion. Finished one part.** |
| **February 10, 2024** | **Finished my conclusion.** |
| **February 11 2024** | **Did sources of errors.** |
| **February 12, 2024** | **Did Real World Application** |
| **February 14, 2024** | **Did a bit of the next questions. Collected Trifold from Ms. Bretner.** |
| **February 15, 2024** | **Finished Next questions and project.** |
| **February 17, 2024** | **Bought materials for the trifold and started to work on it.** |
| **February 19, 2024** | **Finished Trifold** |
| **February 22, 2024** | **Returned it to school, to set up in the gym** |
| **February 23, 2024** | **In school science fair judging.** |
| **March 10, 2024** | **Uploaded everything to the CYSF Platform.** |
| **April 11, 2024** | **Setup at the Olympic Oval** |
| **April 12, 2024** | **Judging day** |
| **April 13, 2024** | **Award Ceremony.** |
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