Milestones	Related Tasks	Timeline	Team Member Responsib
Initial CWE Research	1, 2, 5, 6	Week of May 26th - Week of June 16th	John (100%)
Dataset Collection and Creation	3, 4	When Necessary	John (100%)
Detection Rule Implementation	7, 8	When Necessary	John (100%)
Weekly Reports and Papers	9, 10	Weekly	John (100%)

Tasks

1. Review relevant research literature to idenitfy current methods and possible improvements - John
2. Research relevant hardware vulnerabilities from the Common Weakness Enumeration (CWE) list - John
3. Collect datasets to be used for vulnerability analysis and detection method testing - John
4. Develop example hardware modules with intentionally injected hardware vulnerabilities - John
5. Analyze common coding patterns associated with vulnerabilities - John
6. Investigate static analysis detection rules for hardware vulnerabilities - John
7. Implement detection methods for hardware vulnerabilities - John
8. Test detection methods for accuracy, precision, and recall - John
9. Write weekly reports for meetings with Dr. Wang - John
10. Write research papers that summarize my methods, findings, and contributions - John