**Project Plan**

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| **Task** | **Description** | **Deliverables** |
| Industry Analysis for GenAI | Research current trends, challenges, and opportunities in GenAI implementation for cybersecurity. | Detail industry analysis report. |
| Stakeholder Identification and Analysis | Identify key stakeholders within the organization who will be impacted by implementing GenAI in cybersecurity. | -Stakeholders identification report  -Stakeholder matrix (influence/interest) |
| Ethical AI Framework Development | Create a framework for ethical AI implementation specific to GenAI implementation. | Ethical AI framework document |
| Website design and development | Develop and design website and deploy into AWS web server. | Show designed website. |
| Integrating AI into website hosting on AWS web server. | Design AI tool to detect vulnerabilities in cybersecurity and deploy into the website. | Show the results from security/ penetration testing on a system. |
| Risk Assessment and recommend security control to solve the problem | Identify and evaluate potential risks associated with GenAI implementation cybersecurity | - Risk assessment matrix  - Risk mitigation strategies report |
| Collaboration Strategy Development | Develop strategies for proactive collaboration between security leaders and business stakeholders. | -Collaboration framework document  -Communication plan |
| Training Needs Analysis and awareness program | Assess the training requirements for both technical and non-technical staff regarding GenAI. | -Skills gap analysis  -Training need assessment report |
| Deploy and testing of chatbots and AI tool into website | Create and test chatbot into website. | Testing strategy and test case |
| Final Recommendations | Combine all findings and recommendations into a final report. | Executive summary |