In the LogLock project, I mainly focused on coding the Website with Mathew and Haoran, our programming language used was mainly python. I am involved in making the code that powers up the website and the whole program, designing the UI. At the same time, I improved my Python skills. For example, learning building UI though python, changing the structure with python coding, applying different frames. I also learnt a lot about applying facial recognition during this whole process even though we haven’t applied this functionality onto our program due to privacy issues. I learned the importance of active participation and communication in teamwork. Despite some struggles with time management and meeting schedules, as we all know, our last semester is full of heavy assignments and work, the dedication and hard work from myself and my teammates were essential to our project’s success. I spent 62 hours on this project with my team. And I am glad that our program finally delivers and work well.

| Date | Hours Worked | Task Description | Skills Developed |
| --- | --- | --- | --- |
| 02/01/2024 | 4 | Initial project planning, setting up development tools. | Project management |
| 02/05/2024 | 4 | Developing the initial codebase for the website backend. | Python programming |
| 02/07/2024 | 4 | Building UI prototypes for the login and dashboard pages. | UI Design, Figma |
| 02/12/2024 | 4 | Coding user authentication modules. | Python, Security |
| 02/14/2024 | 4 | UI refinements and user feedback incorporation. | UI Design, User Testing |
| 02/19/2024 | 4 | Implementing database interactions. | Python, SQL |
| 02/21/2024 | 4 | Backend testing and debugging. | Python, Debugging |
| 02/26/2024 | 4 | Integrating third-party APIs for additional features. | Python, API Integration |
| 02/28/2024 | 4 | Finalizing UI design and interactivity elements. | UI Design, CSS |
| 03/05/2024 | 4 | Performance optimizations for backend code. | Python, Optimization |
| 03/07/2024 | 4 | Accessibility checks and improvements. | UI Design, Accessibility |
| 03/12/2024 | 4 | Security enhancements for user data protection. | Python, Cybersecurity |
| 03/14/2024 | 4 | Refinement of user experience based on trial runs. | UI/UX, User Feedback |
| 03/19/2024 | 4 | Preparing documentation for the website and backend. | Technical Writing |
| 03/21/2024 | 4 | Final project review and preparation for deployment. | Project Review |
| 03/26/2024 | 4 | Deployment of the website to the production environment. | Python, DevOps |
| 03/28/2024 | 4 | Post-deployment monitoring and initial user support. | User Support, Monitoring |
| 04/02/2024 | 4 | Gathering user feedback and preparing patch updates. | User Feedback, Python |
| 04/09/2024 | 2 | Implementing final adjustments and updates. | Python |
| 04/11/2024 | 2 | Final team meeting and project handover documentation. | Communication, Handover |