

Summary of Hours & Justification

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Fall Semester (40 hours spent):

During the fall semester, our team focused on laying the groundwork for the Hackademia project. This included designing the project framework, selecting the best technologies, and conducting thorough research to ensure a smooth development phase. Detailed hours spent on each activity are outlined at the bottom of our project documentation.

In the fall, in conjunction with my team, I dedicated a total of [15 hours](#) to team meetings where we discussed our progress, planned upcoming tasks, and coordinated our efforts. I also spent 5 hours on Individual work including [essays](#) and other class assignments.

I also spent 4 hours researching database options, which was crucial in selecting the most suitable database technology for our project needs. Additionally, I invested 2 hours in the initial design and development of the PostgreSQL database, establishing a strong foundation for our application's backend.

Furthermore, I contributed [6 hours](#) to backend development, where I worked on integrating and testing the database with our frontend, ensuring data consistency and reliability. The remainder of my time was spent on various development and planning tasks as part of the team effort, including participating in the creation of [design diagrams](#), [user stories](#), and [task lists](#), and preparing for our [mid-semester presentation](#). This would all accumulate to a total of 7 hours respectively.

Spring Semester (45 hours spent):

During the spring semester, I dedicated a total of 45 hours to various crucial aspects of our Hackademia project, focusing primarily on enhancing both the frontend and backend components, as well as ensuring effective team coordination and project documentation.

I participated in 15 hours of [team meetings](#), which were essential for discussing progress, planning upcoming tasks, and resolving any project challenges. These meetings helped maintain strong communication and collaboration within our team. Additionally, I spent 3 hours researching potential animation libraries and techniques for integrating Node.js with our database. This research was pivotal for adding interactive elements to our application, making it engaging and educational for users.

In terms of development, I successfully completed the setup and integration of the project's [PostgreSQL database](#) in 4 hours, which was crucial for our backend infrastructure. I also devoted 1 hour to determining the application's color scheme and another hour consulting with an art student about creating and integrating a custom logo, enhancing the [visual identity](#) of our project.

Creating [user documentation](#) and manuals took 2 hours of my time, ensuring that users could easily understand and navigate our application. Preparing for final presentations and demonstrations was also significant; I spent 2 hours working on sections of the final [PowerPoint presentation](#) and updating it to reflect the latest project information. Additionally, I designed a physical [poster](#) for the project, which took 4 hours, effectively summarizing key information and visuals in alignment with our project branding.

I also dedicated 2 hours to designing and developing the [landing page](#) for the project, which included implementing eye-catching animations to improve user engagement. Furthermore, I spent 1 hour updating our main [GitHub repository](#) with the latest documentation, ensuring that all project materials were accessible and up-to-date.

These efforts were complemented by my participation in the CEAS Expo and other individual assignments totaling 10 hours, where I presented our project to college-wide and departmental judges, and completed [individual essays](#) and reports. These activities not only showcased our project but also contributed to my personal and professional development in the realm of software engineering and team collaboration.