Kronos App Development Contribution Report

Date: April 6, 2025

# Team Members

Aaron Christian  
Rahil Sanketbhai Vaghasia  
Mele Felix  
Jacob Osborne  
Hayden Robinson

# Contribution Summary

The development of the Kronos app involved five team members, each contributing to different aspects of the project. Below is an overview of the contributions made by each member:

## Aaron Christian

Primary Contributor: Aaron was the main driver of the development process, taking the lead on both UI and backend development.  
  
Key Responsibilities:  
- Designed and implemented the UI, ensuring smooth user interaction and responsive design.  
- Developed the backend services, including CRUD operations and integration with the frontend.  
- Managed the task delegation when deadlines approached, ensuring the remaining work was completed.  
- Stepped in to assist other team members by identifying bugs in their code, helping them set up Docker/Podman, troubleshoot database connection issues, and understand the project structure.  
  
Performance: Aaron demonstrated strong technical skills, a clear understanding of the system, and leadership in managing task distribution. He frequently had to help teammates with tasks they could have solved independently through basic debugging or minimal research.

## Hayden Robinson

Backend Support: Hayden contributed to the backend but with limited involvement overall.  
  
Key Responsibilities:  
- Assisted Aaron with backend tasks, including code reviews and debugging.  
  
Performance: While Hayden's contributions were helpful in the backend, the overall involvement was minimal. He had various issues with podman/docker which caused for his limited development contribution.

## Rahil Sanketbhai Vaghasia

Limited Contribution: Rahil was less involved in the development process and struggled with understanding the system.  
  
Key Responsibilities:  
- Provided the codebase when prompted by Aaron but did not actively implement or contribute to the coding efforts.  
  
Performance: Rahil depended heavily on Aaron for guidance and showed little effort in learning the system or solving issues on his own.

## Mele Felix

Manual Testing: Mele contributed by assisting with manual testing of the app.  
  
Key Responsibilities:  
- Performed manual testing of the app to ensure functionality and identify issues.  
- Helped in identifying bugs and provided feedback to the development team.  
  
Performance: Mele's testing contributions were helpful. However, did not engage in broader development work.

## Jacob Osborne

Documentation and Record Keeping: Jacob assisted with documentation and record keeping.  
  
Key Responsibilities:  
- Maintained project documentation, including progress reports and other necessary records.  
  
Performance: Jacob contributed the most to documentation, limited participation in development. Similarly, like others Jacob had issues with understanding the application structure and did not actively try to learn or code in the framework decided.

# Contribution Matrix

The development of the Kronos app involved five team members, each contributing to different aspects of the project. Below is an overview of the contributions made by each member:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Team Member** | **Area of Contribution** | **Level of Contribution** | **Remarks** | **Performance Rating** |
| Aaron Christian | UI, Backend, Setup, Debugging, Guidance | Exceptional | Led most of the development work; guided teammates, resolved major issues, managed configuration and deployments. | ★★★★☆ |
| Hayden Robinson | Backend Support | Moderate | Helped with backend logic but had limited involvement otherwise. | ★★★☆☆ |
| Rahil S. Vaghasia | Provided base code | Minimal | Needed guidance on what to do; helped only near the deadline; code was not implemented or integrated. | ★★☆☆☆ |
| Mele Felix | |  | | --- | |  |  |  | | --- | | Manual Testing, Provided base code | | Minimal | Contributed to manual testing and shared code during final stages; lacked independent initiative. | ★★☆☆☆ |
| Jacob Osborne | Documentation, Provided base code | Moderate | Focused on record keeping and documents; did not participate much in coding or debugging tasks. | ★★★☆☆ |

# Conclusion

The majority of the work in developing the Kronos app was carried out by Aaron Christian, who led the UI and backend development. Other team members—Rahil Sanketbhai Vaghasia, Mele Felix, Jacob Osborne, and Hayden Robinson—had limited involvement. Aaron had to take on additional responsibilities, such as helping teammates debug issues, set up Docker/Podman environments, and resolve database connection problems. These were tasks that could have been handled independently with a basic understanding of the system or through minimal research.  
  
To ensure a more balanced and efficient team effort in future projects, it is essential that all members take initiative to understand the tools and systems being used, and actively contribute to both development and problem-solving.