

Natnael Awoke
Trivia night software for bar

Week 7 Report (09/29/2025 – 10/05/2025)

During Week 7, our team lead assigned specific responsibilities to each member of the group. Together, we agreed on individual tasks, established ownership of each section, and created a timeline to track progress. This approach helps ensure timely completion while leaving enough time for review and revisions before submission.

For this week, my responsibilities were:

- **Section 4.3 – Data Conversion**
- **Section 4.4 – Application Program Interface (API)**
- **Appendix A – References**

Activities Completed

- Confirmed assigned responsibilities with the team lead and team members.
- Reviewed previous documentation for reference and alignment.
- Researched best practices for data conversion workflows and API design.
- Drafted and refined content for the assigned sections.
- Performed a self-review of my sections and applied improvements before contributing to the master document.

Progress

- **Data Conversion (4.3):** Outlined the data structure to be used (PostgreSQL with JSONB support) and described workflows for handling CSV imports, JSON APIs, and third-party trivia sources.
- **Application Program Interface (4.4):** Nearly completed the design, focusing on the hybrid model combining REST APIs and WebSockets for optimal performance and real-time interaction.
- **Appendix A:** Began compiling and restructuring references, ensuring that only relevant standards, technical documentation, and external sources are included.

Next Steps

- Finalize the Application Program Interface section with supporting diagrams.
- Complete the Appendix A reference list with proper formatting and finalized sources.

- Conduct a peer review with teammates to validate accuracy, consistency, and completeness.

Week 8 Report (10/06/2025 – 10/10/2025)

Week 8 I successfully completed all assigned tasks on time and contributed to preparing the full document for final review.

Activities Completed

- Completed **Section 4.3 – Data Conversion**.
- Finalized **Appendix A (References)** on Friday, after all other sections were completed.
- Ensured all assigned sections were completed and ready for integration into the master document.
- Contributed to the preparation of the document for formatting and editing before submission.

Progress

- All assigned sections of both documents were completed by **10/10 at 5:30 PM**.
- The full draft of the document was ready for **final review, formatting, and editing** prior to submission.

Next Steps

- Support team members in formatting and polishing the final document.
- Participate in final review and quality check before official submission.