

Team Shalom

Meeting 3

Date: October 13 and 16/ 2025

Time: 6:00 PM

Location: Virtual

Members present: David Katembo; Fabrice Kadima; Pemphyle Nzuzi

Activity:

- Plan to review the Software Architecture Specification (SAS) document structure and table of contents.
- Plan to discuss the purpose, scope, and overall architecture goals of the CACODEV management platform.
- Plan to confirm the use of a Client–Server model with a layered architecture approach.
- Make plans to take part in a thorough discussion on subsystem decomposition, including the layers of presentation, business logic, and data access.
- Plan to use Angular, Spring Boot, and PostgreSQL to assess frontend, backend, and database jobs.
- Aim to address hardware/software alignment and outline the deployment approach for client, application server, and database server nodes.
- Aim to assess ongoing data management approaches, encompassing ACID-compliant transactions, backup systems, and database integrity.
- Intend to cover access control models, user roles, and security methods like JWT authentication, BCrypt password hashing, and HTTPS
- Plan to review global software control flow and event-driven request–response processing.
- Plan to discuss boundary conditions, including system startup, error handling, and data migration strategies.
- Plan to review individual team member contributions and confirm assigned architectural responsibilities.
- Plan to update shared documentation and ensure alignment with architectural and security requirements.

