

Technical Documentation

Home Assistant

1. **Architecture documentation** - Overview of the overall design and structure of the software
 - The technologies used (Frontend, Backend, Databases, Real-time, etc.).
 - A diagram or explanation of the overall system architecture (e.g., client-server model, real-time communication flow).
 - Key components and their responsibilities.
2. **Data model documentation** - Information about the data structures and relationships that are used by the software such as the entities, attributes, and relationships that are defined in the data model as well as examples of how the data model is used by the software.
 - Entity-relationship diagrams or equivalent.
 - Details of key entities (e.g., User, Chat, Room) and their attributes.
 - How entities relate to one another (e.g., User-Client-Houseworker relationships).
 - Examples of how the data is stored or queried in Neo4j and Redis.
3. **API documentation** - Reference documentation regarding making AaPI calls and classes
 - Endpoints, HTTP methods, and request/response examples.
 - Authentication and authorization mechanisms (e.g., session-based authentication).
 - Key APIs for features like chat, user recommendations, notifications, and room management.