

Database Schema

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This document outlines the logical schema for the system database.

Tables and Relationships:

- Users (user_id, name, email, role)
- Procurement_Requests (request_id, user_id, item, quantity, status)
- Audit_Logs (log_id, user_id, action, timestamp)

Keys and Constraints:

- Primary Keys: user_id, request_id, log_id
- Foreign Keys: user_id in Procurement_Requests and Audit_Logs

The database is normalized to 3NF to ensure data consistency and reduce redundancy.