Below is a picture of the EAA

Enterprise Application Architecture

Management Levels

Executive Information Systems (EIS)
Business infiligence fools
- Long-term planning
- Performance mŏtrics
- Market trend analysis

Middle Level

Middle Level Management Information Systems (MIS)
Monitor projectt timelines
Contract tracking
Budget supervision

Operational Level

Operational Level Transaction Processsing Systems (TPS)
- Sèhedule tasks
- Record transactions
- Dally sitè and survey updates

Cross-Functional Information Systems

Enterprise Resource Planning (ERP)
Integrates procurement, finances, and HR for centralized data access

Customer Relationship (CRM)
Manages client interactions, consultation records, and follov-ips

Supply Chain Management (SCM)
Oversees delivery of building materials, tools, and site resources

Knowledge Management System (KMS)
Stores site analvsis reports, consultation knowledge, aproject templates

Document Management System (DMS)
Organizes contracts, survey reports permits, and compliance documents

Functional Areas
Key Business Processes Supported by Systems

Project Scheduling
- AI-powered scheduling (MIS & TPS)
- Timeline adjustment via BI forecasts-(EIS)

Contract Management
- Contract creation, versioning, and alerts via CLM & DMS

Site Analysis
- GIS integration, zoning regulation checks, environmental reporting (KMS)

Home Building
- ERP to manage procurement
- TPS for on-site task logging and resource usage

Consultations
- CRM to log consultations, provide feedback loogs, ana share reports with clients