Scaffolding ERP

1. TechStack

Category	Details
FrontendFramework	React Js + Vite + Tailwind CSS
BackendFramework	Fast API - Python
Database	MongoDB
HostingPlatforms	AWSCloud(Frontend+Backenddeployment)
Storage/CDN	AWS EC2
Email/SMSProvider	GmailSMTP
Payment/Third-partyTools	Notcurrentlyintegrated

2. SourceCode

Item	Details
RepoURLs	https://github.com/cubeaisolutionstech/ERP_Scaffolding-construction
BranchingStrategy	karmesh
CI/CDPipelines	**karmesh**

3. Environments

Environment	Status	URLs	DB
Production	HostedonAWS	Scaffolding_ERP	MongoDB
Staging	+ Not created	—	+ Noseparate DB
Development	Local environments	Frontend: http://localhost:3000 Backend: http://localhost:8080	MongoDB

'EnvironmentVariables Location

- Backend: .env `application.propertie`

4. Access&Credentials

AccessType	CurrentStatus
Admin Panel	Dashboard (http://98.130.130.150/super-admin)
FrontendHosting	AWS
BackendHosting	AWS EC2
Database Accounts	MongoDB
Storage/CDN	AWS EC2
Email Provider	GmailSMTP—App password must be rotated
Analytics/ Logs	No analytics; logs only in backend console
Domain/DNS	-

5. API&Integrations

Item	Details
APIBaseURLs	Dev:http://localhost:8000/api Prod:*Not updated in documentation*
Authentication	Local Storage token storage (JWT not confirmed)
Third-party Integrations	Axios (API Calls) , Gmail SMTP , Mongo DB
Webhooks	Not implemented

6. InfrastructureDetails

Area	Details
Deployment Process	Manual build & deploy—no automation
Database Backups	MongoDB automated backups active
Error Logs Location	Backend console logs only
Monitoring Dashboards	None
Scheduled Jobs	None

7. Security

Requirement	Status
SSLCertificate	DependsonAWS—mustconfirmcertificatesetup
SecretManagement	+SecretsexposedinGitconfig→MovetoSecretsManagerASAP
Rotation Guidelines	DBcredentialsevery90 days Emailapppasswordevery180days JWT secret every 6 months

8.UserCredentialDocumentation

Role	LoginID (Email)	DefaultPassword
Admin	admin@yourcompany.com	admin123
SuperAdmin	superadmin@yourcompany.com	superadmin123

9.DatabaseCredentials

Parameter	Value
DBType	MongoDB
DBName	Scaffolding_ERP
DBUser	-
DB Password	-

ConnectionURI	mongodb://localhost:27017/Scaffolfing_ERP

10. SMTPEmailCredentials

Parameter	Value
SMTPHost	-
SMTPPort	-
SMTPUsername	-
SMTPPassword	-

11 . InputAPIDocumentation

API	Method	RequestBody	Description
/api/auth/register	POST	-	-
/api/auth/login	POST	email,password	Authenticate user

12. Login Form Template

Field	Type	Required	Validation
Email	Email	Yes	Valid format
Password	Password	Yes	Min. 6 chars

13. Enquires Form Template

Field Label	Field Name	Type	Required	Validation
Customer Name	Customer name	Text	Yes	Min. 3 chars
Customer Email	Email	Email	Yes	Valid format

Mobile No	Mobile	Number	Yes	10 digits
Organization Name	Organization	Text	Yes	Min. 3 chars
Equipment Name	Equipment name	Text	Yes	Min. 3 chars
Quantity	Quantity	Number	Yes	Min. 1 digit
Rental Duration	Rental Duration	Number	Yes	Min. 1 digit
Delivery Location	Delivery Location	Text	Yes	Min. 4 chars
Delivery Date	Delivery Date	Date	Yes	-