TEAM :- BTS Han;

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1. Define ERP Modules? * Inventory Manage * Sales & CPM * Finance & Accounting * we nanagenent 2. Døjne Architecture planning * Frontend (uger sukerpane) * Backend (Business hoogic): Handling * Dataylase: stores all the enterprise data 3. Technology & tack Selection Frontend -> Roset is, Angilar, of The Vue-js

> Noderjs + Expres, Django, Asp. n * Barkend: Database: postque sac/Mysac/Mssac * Relational -> Oriter per containerization a) Authentication: JWT, OANT 2 4. Database Schema Derigy -) create Entities and felationship between tables * user, poles, permission * products, Stocks, Inventory Transaction * Supplier, punhar orders. 5. Frenterd Development -) Buld Responsive 00 for each module -) Integrate dash boards, form, tasker and chark

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* Use Read Table, Chart. js, Ant Design or Tailwind UI.

- 6. Back end Development
- -) Set up seret REST on orraphac APIS
 - -) Implement role-based avers control
- -> Ensure data validation, Business Rule
- 7. Integration
-) Imail notification, barcode Scanner,

payment gateray.

-) optional: Connect with enisting 80ft

Via API

- 8. Pesting
- a cenit rests
- -) Integration test

-> Role/perminion testing no me aneptame testing 10. Monitoring & Maintanance. * un logging and analytics took? Sente Log Rocket, Gwigle Analysis * offer admin pand for system monetoring * Schedule regular Baykrips and data integrity checks. 11. Modular Architecture Design earl ERP modul as independent components or microservices 12- Role Based Aness Control (RBAC)

* HR manager: Can arren only employee and payed modeles

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13. Andit logging Track oner action like edits, deletions, as Lenitine arroses. This helps in compliance and textestioning store in an audit - logs table with fields liler * uses -id, aution, table - name, record-id 14. Perpension & Mobile - Deady Design - Ensure the EPP can be used on taslets and Moselle framework. 15. Customizable Dashbonds. * Sales charts Inventory Status * HP activity.

16. Data import / Export Tods to import data via Excel provide the ability ontoconding date analysh This helps during 17. Notification System engine for important Implement a notification event le * Low St ock aluts * Invoice due reminder 18. backup & Disaster Recovery Automate Kegular Backups your darabar 19. API Downentation. are Tools like Swagges or postman to downerst your API endpoints clearly 20. Scalability planning * use pagination and lary loading for large tables.