Allneeda Implementation

Afghanistan team concern and questions

System Logic and Architecture Overview

1. Authentication & Authorization

IT Service & Home Services Need to know what data and user data are encrypted in JWT tokens.
please provide this data as soon as possible
token must have user roles
Please confirm which dependencies you will use for data validation, request body handling, API security, and microservices communication

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2. Real-Time Communication (Seller–Buyer Interaction)

Buyers and Sellers or Professional and Customer can communicate in real time through a chat system.
Sellers and Customer can send custom offers to buyers and Professionals using a defined offer template.
Buyers and Professionals can accept or reject offers.

The IT Services system will:
Provide API routes for managing custom offers (creation, acceptance, rejection).
Handle all backend logic related to real-time messaging and data flow.
Frontend design and chat integration will be handled entirely by Aysha's team.
The chat modusdfas

3. Admin Panel

As the project include a single unified Admin Panel.
Certain core data must be entered and managed by the admin for later use by seller and buyer.
The IT Services backend will provide CRUD API routes for these datasets, while the frontend design and admin panel UI will be handled separately.

Admin-Managed Data Includes:
Category
Subcategory
Service Metadata
Package Template
(Additional configuration data as required)

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4. **Role Management**

The system supports centralized user management.
Buyers can apply for the Seller role.
IT Services will:
Provide an API route for sending user info with the requested role for admin approval.
Check user roles via the JWT token (to determine current permissions).
Role approval workflow (accept/reject seller request) will be handled entirely in the Admin Panel.

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5. **Notification Management**

Notifications and related email alerts will be handled asynchronous/background tasks.
Types of Notifications:
Role Approval Notification:
Triggered when a buyer's seller role request is approved or rejected.
Includes optional email notification.

Order Notifications:

Triggered when a buyer places an order.
IT Services will provide routes for creating these notifications.
Identity Approval Notification:
Sent when user identity verification is approved or rejected.

Other Notifications:

Additional system-level notifications may be configured as needed.
for your more info IT Service has 4 roles
buyer, seller, it-service-admin, super-admin

Mobile Application

applications integrations: Merging codes.
real time messages for communicatons between pro and customer.
push notification recevies notifications about messages, alerts, discounts and e.t.c
github repository for codes
state managments current we follow provider also they confirmed this state management just to be sure
project architecture as mentioned in early stages