KodamTech Software Solutions

Name : Syria Here Pass project / Project Documentations

Date : 18 June 2025

Descriptions :

I want to make sure we are fully aligned on the scope and functionalities required for the Syria Here Pass project. Below is a detailed list of my expectations for the development:

1. General Overview

We need two separate applications:

User App (Android/iOS)

Business App (Android/iOS) with three user roles: Admin, Business Owner, Cashier

Both apps will connect to a central backend via APIs, hosted on a secure server with a domain and HTTPS enabled.

2. User App Features

User registration with full name, email, phone number, city/province (dropdown), user type (student/non-student)

Profile photo upload

For students: upload student ID card

Generate a unique Pass ID (ProvinceCode + 6-digit number)

Home page: list of partner venues with filters (type, location, rating) and interactive Google Maps integration

QR Pass page: display user info and QR code to scan at venues

Profile page: account info, points balance, usage history, subscription renewal, support form

Points & Rewards page: show points, earning methods, redemption options

Reviews: allowed only after QR scan, valid for 24 hours, star rating + comment

3. Business App Features

Three account types: Admin, Business Owner, Cashier

Business Owner: manage venue info, discounts, stats, reviews, cashier accounts

Cashier: login, scan user QR, enter bill, upload receipt, apply 10% discount, log visits, enable reviews

Admin: manage subscriptions, verify students, handle points/rewards, notifications, support tickets, reports

4. Backend Requirements

Host all APIs on a secure server with domain and HTTPS

API endpoints to support all above functions (registration, login, subscription, QR validation, points, reviews, etc.)

Database for users, venues, subscriptions, points, visits, payments, reviews

Authentication & authorization based on roles

Integration with Google Maps API

Push notifications system (Firebase or similar)

Payment gateway integration (local or international)

Support form submissions routed to admin panel

5. Security & Performance

Use HTTPS with valid SSL certificate

Secure storage of sensitive data

Input validation & sanitization

Scalable architecture

Backup and recovery plan

6. Admin Panel

Full management of subscriptions (activate, freeze, cancel)

Verify user data (especially student IDs)

Manage partner venues (add, edit, delete)

Monitor user points and rewards

Review and manage user reviews (delete or reply)

Manage support tickets and respond

Generate detailed reports (visits, payments, users)

Send notifications to users and business owners

Panel must be secure and restricted to authorized users only/

7. Domain and Hosting

I will purchase the domain myself to ensure full ownership and control over its management and renewal. I believe this approach is the best to protect project rights, provide future flexibility, and ensure transparency and independence from any third party.

8. Deliverables & Timeline

Source code for both apps and backend

Deployment on hosting platform with domain (details to be agreed)

Documentation (API specs, user guides)

Post-launch technical support (duration to be defined)

Please confirm your full understanding of these requirements, and share your proposed technologies, hosting plan, domain setup, and estimated timeline.

Looking forward to your reply.