## **🏗 3. Step-by-Step Development Roadmap (Agile Approach)**

We'll follow **Agile** with sprints for **incremental builds & testing**.

### **🔹 Sprint 1: MVP Development**

🚀 **Goal:** Build a functional **MVP (Minimum Viable Product)** with core features  
**Time Estimate:** 2-3 weeks

✅ **Set up React Native project (Expo)**✅ **User Authentication (Firebase Auth - email verification)**✅ **Basic UI (Login, Register, Home, Product Listing)**

* Search, View products, Add your own product, menu bar

✅ **Post & View Listings (Firestore/PostgreSQL as DB)**

### **🔹 Sprint 2: Advanced Features**

🚀 **Goal:** Improve search, UI, and add real-time chat  
**Time Estimate:** 3-4 weeks

✅ **Implement Elasticsearch (for fast product search)**✅ **Chat system (Firestore or Socket.io)**✅ **Favorites & Wishlist**✅ **Basic admin controls (Report/Remove listings)**

### **🔹 Sprint 3: Payments & Optimizations**

🚀 **Goal:** Monetization & scalability  
**Time Estimate:** 2-3 weeks

✅ **Stripe/PayPal integration**✅ **Redis caching (faster load times)**✅ **Image storage optimization (Cloudinary)**✅ **Push notifications (expo-notifications / Firebase FCM)**

### **🔹 Sprint 4: Final Touches & Deployment**

🚀 **Goal:** Ready for launch!  
**Time Estimate:** 2 weeks

✅ **Bug fixes & security enhancements**✅ **App Store / Play Store submission**✅ **Marketing & Beta Testing**