

Vet-Pathshala – Module Listing

Platform: Flutter (iOS & Android) + Firebase + Web Admin Panel

User Mobile App (iOS & Android)

1. User Onboarding & Role-Based Access

- Sign Up / Login: Email, Google, Phone OTP (via Firebase Auth)
 - Role Selection: Veterinary Doctor / Pharmacist / Farmer
 - Basic Profile Setup & Preferences
 - App Permissions: Notifications, Storage, etc.
-

2. Question Bank Module

- Structured Navigation: **Category** → **Subject** → **Topic** → **Questions**
- Demo Access vs. Paid Access (Based on Subscription)
- Performance Analytics:
 - Accuracy %, Time Taken, Weak Topics
 - Speed Tracking and Progress Graphs

- AI Explanation System (Per Question Basis)
 - Action Icons: View Count, Report Question, Bookmark, Sticky Notes, Likes
-

3. Short Notes Module

- Structured Flow: **Category** → **Subject** → **Topic** → **Notes**
 - AI Features:
 - Text-to-Speech (Read Notes Aloud)
 - Highlight Text to Auto-Generate Flashcards
 - “AI Summary” Button for Instant Recap
 - Action Icons: Bookmark, Sticky Notes, Likes, Mark as Read, Report
-

4. Gamification & Battle Mode

- Battle Modes:
 - 1v1 and Group Battles
 - “Play with Friends” (via Room Code)

- “Let’s Play” (with Random Users)
 - Role-Based Restrictions: Category Lock (no cross-category play)
 - Leaderboard: Daily, Weekly, Monthly Rankings
 - Power-Ups: 50:50, Skip, Timer Freeze (purchased via coins)
 - Timer Sync: Questions change only when both players respond or time runs out
-

5. Quiz & PYQ Module

- Access Flow: **Category** → **Subject** → **Quiz / PYQ**
 - Dynamic Range: 5 to 200+ Questions per Quiz
 - Practice, Review, and Retake Modes
 - Bookmark, Flag for Review, Time Stats
-

6. E-Book Module

- Book Listings with Descriptions & “Buy Now” or “Open”
- Secure E-Reader:
 - Disable Screenshot, Text Copy, Downloads, External Access

- Resume Reading from Last Page
 - Highlighting, Sticky Notes, Flashcards
 - Subscription Models: 3M, 6M, 1Y, Lifetime Access
 - Admin-Managable Review Count & Ratings
-

7. Drug Calculator (Integration Only)

- Already Developed – Seamless Integration
 - Launch from Home / Tools Section
 - Predefined Logic per Veterinary Use Case
-

8. Payment & Subscription Module

- Feature-Specific Subscriptions (Notes, Quiz, PYQ, etc.)
 - Coin System for Gamified Features
 - Subscription Bundles: Individual Modules or All-Access
 - Stripe / Razorpay / In-App Purchase Support
 - View Plans, History, Renewals
-

9. Additional Features

- AI Language Translation (Multi-language Notes, UI)
 - Promo Codes & Festival Offers
 - Group / College-Based Discounts
 - Refer & Earn System (Referral Code, Coin Rewards on Paid Join)
 - Push Notifications for New Content, Leaderboards, Offers
 - Bookmark Sync & Progress Resume across Devices
-

Admin Panel (Web-Based)

1. Dashboard Overview

- Total Users, Revenue, Subscriptions
 - Engagement Metrics: Quiz Attempts, Notes Views, Battle Activity
 - Filter by Role: Doctor / Pharmacist / Farmer
-

2. Content Management

- Add/Edit Subjects, Topics, Questions, Notes, PYQs
- Upload & Manage E-books with Subscription Settings

- Tag Weak Topics or AI Summary Suggestions
 - Create Flashcard Suggestions & Highlight Tags
-

3. User & Subscription Management

- View, Block, or Suspend Users
 - Approve E-book Purchases & Refunds
 - Manage Subscriptions & Promo Campaigns
 - Monitor Referral Code Usage
-

4. Gamification & Battle Control

- Create/Edit Battle Categories
 - Set Power-Up Rules & Coin Costs
 - Monitor Game Integrity & Abuse Reports
 - Leaderboard Control & Weekly Reset Options
-

5. Notifications & Communication

- Send Custom Push Notifications

- Filter Audience by Role, Activity, Subscription Type
- Announce New Features, Festive Offers

6. Analytics & Reports

- Performance Reports: Quizzes, Notes, Games
- Subscription Insights
- Export Data: Users, Payments, Quiz Stats (CSV)