Rao's Law Academy App – Admin Panel Functional Requirements

1. Course Management (Dynamic & Scalable)

Current Courses

- JCJ

- DJ

Future Requirement

- Admin must be able to **create unlimited courses** (e.g., APP, PP, UPSC Law, etc.)

- Each course can have **any number of sub-folders / modules**

- Newly created courses must **automatically reflect in the student app**

For Every Course, Admin Must Be Able To Add:

- Course Name

- Course Description

- Course Thumbnail

- Faculty Name

- Original Price

- Discounted Price (with % display, e.g., 40% OFF)

- Demo Video (free preview)

- Locked Content (paid videos)

- Toast Messages (offers, announcements, urgency prompts)

- Validity Periods (3 months / 6 months / 1 year / 2 years / etc.)

All data must be **fully dynamic**, editable anytime, and reflected instantly in the app.

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2. Notes Management (Two Types)

A. Lecture-Wise Notes

- Each video lecture can have **separate notes**

- Notes are **specific to that lecture**

- Admin must upload:

  - PDF

  - Title

- o   Description
- o   Thumbnail
- o   Pricing (if paid)
- o   Discount price & percentage
- o   Toast messages
- Upload button is **mandatory**

B. Course-Level Notes (Navigation Bar Notes)

Displayed in the **bottom navigation bar (beside Home button)**

Examples

- JCJ → 21 subject PDFs
- DJ → 35 subject PDFs

Current Modules

- AP JCJ Notes
- TS JCJ Notes
- AP DJ Notes
- TS DJ Notes

Future Modules

- AP APP
- TS APP
- Public Prosecutor
- Any new course added later

Admin Must Be Able To:

- Add unlimited modules
- Upload notes per module
- Add:
  - o   Title
  - o   Description
  - o   Thumbnail

- o Original Price
- o Offer Price
- o Discount Percentage
- o Validity Duration
- o Toast Messages
- Set **time-bound festive offers**
  - o Example: *Pongal Offer – valid till 14th January*
  - o After expiry → prices revert automatically

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3. Guest Lectures Management

- Admin can upload **guest lecture videos**
- All guest lectures are **locked content by default**
- Admin can:
  - o Unlock content temporarily (festival / promotional period)
  - o Set unlock duration
  - o Add description
  - o Add toast messages
- After offer period ends, content must **auto-lock again**

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4. Printed Notes & Delivery Management

- Printed notes must support:
  - o Address input during checkout
  - o Order tracking statuses:
    - ▪ Pending
    - ▪ Shipped
    - ▪ Delivered
- Admin can update order status
- Pricing, description, discounts follow **same rules as digital notes**

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5. Individual Subjects Module

Current Modules

- AP JCJ

- TS JCJ

- AP DJ

- TS DJ

Future Modules

- AP APP

- TS APP

- Any new judiciary / law exam

Structure Example

- AP JCJ

  o Civil Laws

  o Criminal Laws

    ▪ Individual Subjects

For Every Subject, Admin Can Add:

- Subject Name

- Detailed Description

- Faculty Name

- Duration Options:

  o 3 Months

  o 6 Months

  o 12 Months

  o 2 Years / 3 Years

- Pricing per duration

- Offer pricing with validity period

- Automatic price rollback after offer expiry

- Toast messages

This pricing logic must apply to:

- Full courses

- Individual subjects

- Combos

- Notes

- Prelims

- Mains

- Any future module

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6. Combos Management

Combo Types

- Video Combos

- Notes Combos

- Prelims Combos

- Mains Combos

- Mixed Combos (Notes + Prelims + Mains)

Admin Capabilities

- Create unlimited combos

- Assign combos under:

    - Civil Laws

    - Criminal Laws

- Add:

    - Combo Name

    - Description

    - Videos

    - Notes (upload PDFs)

    - Duration-based pricing

    - Original price

    - Offer price

    - Festive offers with validity

     ◦ Toast messages

Examples

- AP JCJ Notes + Prelims + Mains

- TS JCJ Notes + Prelims

- AP DJ Prelims + Mains

- TS DJ Notes only

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7. Prelims Module

Current Modules

- AP JCJ

- TS JCJ

- AP DJ

- TS DJ

Future

- Admin can add unlimited new prelims modules

Sub-Folders (Expandable)

- PYQs

- Subject-wise Mocks

- Grand Tests

- Quizzes

Admin must be able to **add new folders anytime**

Test Features

- Question bank with answers

- Time limit for every test

- Instant result after submission

- Display:

     ◦ Marks

     ◦ Correct / wrong answers

     ◦ Analytics & performance insights

- PYQs can include:
  - Video explanation
  - PDF

Admin panel must support **exam creation, question management, timing, analytics**

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8. Mains Module

Structure

- Similar to Prelims (module-based)
- Additional feature: **Mains Test Series**

Mains Test Series

- Each test contains **3 papers**
- Admin uploads:
  - Paper 1 PDF
  - Paper 2 PDF
  - Paper 3 PDF
- Example:
  - 15 test series → 45 PDFs

Student Workflow

- 3 hours writing time
- 30 minutes grace period
- Student uploads scanned answer script PDF

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9. Teacher / Evaluator Panel (Mains Correction)

Admin must be able to:

- Create teacher accounts
- Assign answer scripts to teachers
- Track:
  - Assignment date
  - Correction date

o   Pending / completed status

Teacher Capabilities

- Evaluate answers question-wise
- Provide:
    o   Detailed comments
    o   Improvement suggestions
    o   Marks per question
    o   Overall marks
    o   Analytics

All correction data must reflect back in student dashboard.

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10. Module-Wise Notes & Terms Acceptance

- Each module (Course / Notes / Prelims / Mains / Combos) must have:
    o   Custom notes
    o   Instructions
    o   Terms & Conditions
- Content differs per module
- Students must **accept before proceeding**
- Admin can edit these notes anytime

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11. General Admin Capabilities (Universal)

- Dynamic creation of:
    o   Courses
    o   Modules
    o   Subjects
    o   Combos
    o   Tests
    o   Notes
- Pricing control anytime

- Time-bound offers with auto-expiry

- Toast message control everywhere

- Everything must be **CMS-driven**

- No hardcoding

This admin panel must be designed as a **scalable EdTech CMS**, capable of handling:

- Judiciary coaching

- Multi-state exams

- Long-term expansion (10–15 years)

- High student traffic

- Complex evaluation workflows

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12. Student Data & Profile Management (Complete Control)

- **All student data must be stored securely** in RLA systems.

- Every student must be assigned a **unique Student ID** (system-generated).

- Admin / Super Admin can access **A–Z student details**, including:

    o Name, mobile, email

    o Student ID

    o Login history

    o Purchases

    o Active & expired subscriptions

    o Course progress

    o Exam performance

    o Referral & earnings

- Admin must be able to **search students by**:

    o Student ID

    o Mobile number

    o Email

    o Course purchased

13. Policies, Legal Content & Documentation

Admin must be able to **create, edit, and update**:

- Notes / Instructions
- Terms & Conditions
- Privacy Policy
- Refund Policy
- FAQs
- Any other mandatory legal or informational content

These must be:

- Module-specific (Courses, Notes, Prelims, Mains, Combos)
- Editable anytime
- Mandatory for student acceptance before proceeding

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14. Coupon Code Management (Powerful & Flexible)

Admin must be able to:

- Create unlimited coupon codes
- Set coupon value:
  - Flat amount (₹100, ₹2,000, ₹20,000, ₹1,00,000 etc.)
  - Or percentage-based
- Define:
  - Validity period
  - Applicable modules (Course / Notes / Prelims / Mains / Combo)
  - Usage limit (single-use / multi-use)
- Track:
  - Generated coupons
  - Used coupons
  - Unused coupons
  - Expired coupons

- o Who generated
- o Who used
- o When used
- o On which product
- Full coupon audit trail must be available for Help Center resolution.

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15. Video Download, Playback & Protection

Download Rules

- Students can download videos **inside the app only**
- Multiple quality options (Low / Medium / HD)
- **No external file access**
- Downloads must:
  - o Become inaccessible after subscription expiry
  - o Or be auto-deleted

Playback Controls

- Speed control from **0.5x to 2.75x**
- Resume from last watched point

Security Restrictions

- No screen recording
- No screenshots
- Root / Jailbreak detection
- DRM-protected video streaming

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16. Revenue & Payments (Super Admin Only)

***** Only Super Admin can access revenue & financial data

Payment Breakdown Must Include

- Full course purchases (shown separately)
- Individual subjects (separately)
- Combos (separately)

- Notes (module-wise)

- Prelims (module-wise)

- Mains (module-wise)

Full revenue from all the modules separately.

Each Transaction Must Display

- Student ID

- Student name

- Product purchased

- Module

- Amount paid

- Discount applied

- Coupon used (if any)

- Purchase date

- Valid till date

- Payment method

- Transaction ID

Final Dashboard

- Category-wise revenue

- Module-wise revenue

- Date-wise revenue

- Total revenue summary

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17. Super Admin Control & Audit Logs

- Super Admin can:

  - Create admins

  - Remove admins

  - Block admins instantly

- **Audit Log Mandatory**

  - Track every admin action:

- Content upload
- Price change
- Coupon creation
- User modification
- Unlocking content

- Super Admin can see:
  - Who did what
  - When
  - From where

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18. Login Credentials & Account Recovery

- Super Admin has access to:
  - All admin login details
- Admin can:
  - Assist students with login/signup
  - Create login credentials on behalf of students
  - Reset passwords if student forgets
- Password handling must follow **secure encryption standards**

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19. Notifications & Communication System

Admin can:

- Send push notifications to:
  - All students
  - Selected students
  - Specific modules
  - Individual users
- Notifications for:
  - Offers
  - Course launches

- o Exam updates

- o Maintenance alerts

- Notification history must be stored

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20. Student Analytics & Performance Tracking

Admin must have access to:

- Course progress

- Video watch history

- Prelims performance

- Mains performance

- Ranking & analytics

- Strengths & weaknesses

- Attempt history

- Time spent in app

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21. Subscription & Engagement History

Admin can see:

- When student joined app

- What they purchased

- Purchase dates

- Expiry dates

- Renewals

- Active / inactive duration

- Total engagement period with RLA

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22. Help Center & Customer Support Panel

Help Center is **critical** and must be carefully designed.

Roles

- Super Admin assigns Help Center admins

- Help Center staff get limited, role-based access

Capabilities

- View student profile
- Check:
  - Coupons
  - Payments
  - Expiry
  - Access issues
- Respond to:
  - Login problems
  - Coupon issues
  - Payment issues
  - Content access issues
- Internal escalation system:
  - Contact coupon admin
  - Contact course admin
  - Regenerate coupons if approved

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23. Referral & Earnings System

Referral Code Usage

- Referral code input field on **payment page** (along with coupon)
- When referral is used:
  - Referrer gets credit
  - Earnings reflect in dashboard

Referral Validation (Recommended Model)

- **Automatic credit** after successful payment
- Optional **admin verification layer** for high-value payouts

Admin Must Track

- Referral codes generated

- Used referral codes

- Who used

- When used

- Earnings earned

- Withdrawn vs pending earnings

- Expired referral codes

Students get notifications on:

- Successful referral

- Earnings added

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24. App Security & Data Protection (Mandatory)

- Super Admin panel must be **encrypted**

- Role-based access control

- DRM-protected videos

- Watermarked PDFs

- Secure exam system

- Encrypted databases

- Compliance with provided security documentation

- Protection against:

    o Data leaks

    o Unauthorized downloads

    o Credential abuse

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25. Must-Have

These are **important Ones** (not optional):

- Role-based admin permissions

- Scheduled content publishing

- Offer expiry automation

- Backup & recovery system

- Activity reports export (Excel / CSV)

- Server health & uptime monitoring

- Error logs & crash analytics

- Scalability for 1L+ students

Final Super Admin Vision

This admin panel must function as:

- **CMS**

- **CRM**

- **ERP**

- **LMS**

- **Assessment Platform**

- **Revenue Dashboard**

- **Security Control System**

All in **one powerful system**, built for **long-term expansion** of Rao's Law Academy.

THESE POINTS ARE FROM GIVEN DOCUMENT, PLEASE GO THROUGH AND ASSURE NOTHING IS MISSED ⬇️

ADMIN ROLES *

- **Super admin login details should be encrypted and very strong**

- **Super Admin Security Checklist**
  1. Password Security

- **Passwords stored in hashed form (bcrypt or Argon2), never plain text.**

- **Minimum strength: 8+ characters with mix of letters, numbers, symbols.**

- **Password reset process secure (OTP/email link, not showing old password).**

- **2. Login Transmission**

- **Entire login process only through HTTPS (SSL/TLS).**

- **No API should accept HTTP (unencrypted).**

- **3. Authentication Tokens**

- **Use JWT tokens or secure session IDs after login.**

- **Tokens must expire automatically (e.g., 30 min – 1 hr).**

- **Refresh tokens should be securely handled.**

- **4. Two-Factor Authentication (2FA)**

- **OTP via SMS/Email or authenticator app for super admin login.**

- **Optional: Device-based 2FA (trusted devices).**

5. Access Control

- **Super Admin access separated from normal Admin/Teacher accounts.**

- **Role-Based Access Control (RBAC) implemented → super admin has higher privileges.**

- **Super admin actions restricted to authorized devices/IP (optional).**

6. Audit & Monitoring

- **All super admin actions (login, add/delete user, payments, etc.) logged in audit trail.**

- **Alert system for suspicious activity (multiple failed login attempts).**

- **Option to force logout all sessions if suspicious activity found.**

7. For extra Security

- **CAPTCHA or rate-limiting on login (to block brute force attacks).**

- **Auto lock account after 5–10 failed login attempts.**

- **Encryption for sensitive data in database (not just password, also user details if needed).**

ADMINS

How Super Admin assigns Admins

1. Create New Admin

- **Super admin logs in.**

- **Goes to "User Management / Roles".**

- **Clicks Add Admin → enters name, email, phone, password.**

- **System sends login credentials to that new admin.**

2. Assign Permissions

- **Super admin chooses what this admin can do (Role-Based Access Control, RBAC).**

- **Example:**

- **Admin 1 → can upload videos but cannot delete users.**

- **Admin 2 → can manage payments but not touch study material.**

3. Track Activities

- **Every action by each admin is logged in Audit Trail (time, what they did).**

How Your App Stays Safe from Admins

- **Admins have limited power → Only roles assigned by super admin.**

- **Role Separation → Only Super Admin can add/remove admins. Admins cannot create another admin by themselves.**

- **Audit Log → I (Super Admin) can always check what each admin did.**

- **If I feel someone is misusing, I can force logout their session immediately.**

4. How to Remove a Misusing Admin

- **Super Admin login → go to Admin Management.**

- **Select the admin user → choose Suspend / Delete / Revoke Access.**

- **Once revoked, that admin's login won't work again.**

- **(Optional) All their actions remain in audit log for reference.**

In admin panel I should get monthly report of joinings, yearly joinings and I can be able to check everything like in 2025 how many? 2026 how many ? etc.

Admin can pre upload any content like mcqs, tests, quizzes… etc and hold it for some time before publishing and can publish when ever needed manually

- **Metrics :- users, revenue (revenue should separately display everything in super admin panel – like how much revenue generated from full course ,date time and everything, how much revenue generated from only notes buying, how much from exams, how much from mains… etc like that everything should be displayed and over all total revenue from all these also), orders… etc**

- **Courses and Folder Management**
  - Create folders/subfolders, upload content, add description, note… everything.
  - Set pricing for full course, single subjects, sets (e.g., 3 subjects (combo)).

- **Orders Management**
  – Track orders by type (full, single, sets).
  – Refunds, GST invoices.
  – Export reports.

- **User Management**
  – Search, view profiles, manage subscriptions/subjects.
  – Block/unblock
  - **For cash payments, and any friend want access with free subscription only super admin must be able to create login details with how many years subscription needed and can hand over to friend for free or for person who pays cash to us directly, so their account should be activated like normally and works. (super admin can do that to full course, single subject, notes, exams, mains…)**

- **Notifications System**
  – Bulk/targeted push/email/SMS.

- **Reports & Analytics**
  – Quiz performance, retention, subject-wise sales.
  – Export formats.

- **Moderation**
  – Review Q&A, audit logs.

- **CMS**
  – Edit pages, manage news feeds.

- **Instructor Tools**
  – Upload content, view progress, schedule classes.

- **Customer Support Tools**
  – Ticket resolution, live chat.

- **Additional Features**
  – Audit logs, security monitoring.

- **Payments & Finance**
  - Flexible Purchase Options
  – Full course: Access to all folders/subjects.
  – Single subjects: Access only to selected folder/subfolder (e.g., CPC only; rest locked with purchase prompts).
  – Sets of subjects: Admin-defined bundles (e.g., 3 subjects like CPC, CRPC, Evidence; changeable in backend).
  – Different prices: Admin sets per subject/set/full, reflected in app/web.

- **Dedicated Payments Page**
  – Separate page/section in app/web for selecting options (full, single, sets).
  – Cart system: Add subjects/sets, view total with GST breakdown.
  – Upon payment: Instant reflection in app (unlock purchased content).
  – Duration selection: Apply timed expiry to all purchases.

- **Web Payments**
  – UPI, cards, netbanking, wallets (Razorpay/PayU/Stripe/CCAvenue).

- **App Payments**
  – Google Play Billing (Android), Apple In-App Purchases (iOS).
  – Web redirect for consistency/lower fees.

- **Order Lifecycle**
  – Pending, paid, failed, expired, refunded.
  – Auto-email/SMS receipts/invoices with subject details.

- **Refund Flow**
  - Admin-initiated (full/partial/prorated).
  - Auto-revoke access to refunded subjects.
  - 7-day policy compliance.

- **GST Compliance**
  - 18% GST (HSN 9992, confirm with CA).
  - Auto-generate invoices: GSTIN, place of supply, purchase details (subjects/sets).
  - Store records for audits.

- **Subscriptions**
  - Timed access (e.g., 1 year) for all purchase types.
  - Auto-expiry, renewals, trials.

- For cash payments, and any friend want access with free subscription only super admin must be able to create login details with how many years subscription needed and can hand over to friend for free or for person who pays cash to us directly, so their account should be activated like normally and works. (super admin can do that to full course, single subject, notes, exams, mains…)

  INSTEAD OF THIS POINT WE CAN DO ONE THING HERE, SIMPLY SUPERADMIN CAN CREATE COUPON CODES AND GIVE THAT TO FRIENDS OR FOR CASH PAYMENTS. HE CAN CREATE A COUPON FOR ANY AMOUNT, EX – 2000 OR 20000 OR 100000 AND CAN GIVE TO THEIR USERS. SO STUDENTS SIGN UP AND SELECT A COURSE AND WHILE PURCHASING HE WILL APPLY THE GIVEN COUPON CODE AND WILL GET AN INSTANT DISCOUNT.
  IF SUPER ADMIN GIVES A 2 YEAR COURSE COUPON (90000/-) THEN BY DEFAULT WE HAVE TO SHOW IN HIS DASHBOARD THAT THIS IS A 2 YEAR COURSE AND EXPIRY DATE TOO. IF 1 YEAR SAME, IF 3 YEARS SAME AND SAME FOLLOWS FOR 3 MONTHS OR 6 MONTHS OR 12 MONTHS.