PLANE & PROP – PLATFORM REQUIREMENTS DOCUMENT (Web + Student Portal + Admin Console)

Version: Draft
Purpose: To provide a clear overview of all major features, workflows, and grouped modules for Phase 1.

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1. PUBLIC WEBSITE MODULES (NO LOGIN REQUIRED)

1.1 Landing Page

- Hero banner, tagline, key offerings (Mentorship, MCQ, Courses).
- Quick navigation to MCQ, Mentorship, Courses.
- Highlights of benefits, achievements, featured content.

1.2 About Us

- Mission, vision, story.
- Team overview (optional).
- Why Plane & Prop exists.

1.3 Gallery

- Image gallery of classes, aviation events, student journeys.

1.4 Testimonials

- Student success stories.
- Mentor reviews.
- Carousel / list view.

1.5 Contact Page

- Contact form.
- Location details.
- Support email / phone.

1.6 Services Page

- Overview of MCQ, Courses, Mentorship, Sample Test, Community.
- High-level descriptions with CTA buttons.

1.7 Blogs Page

- List of blog posts.
- Blog categories.
- Detailed blog viewer page.

1.8 Newsletter

- **Partial view:** User sees limited newsletter preview.
- **Make Payment:** User pays for newsletter subscription.

- **Post-payment:**

  Unlock full newsletter archive
  Ability to download or read in platform
  Suggestions to explore MCQ, Courses, Mentorship

1.9 FAQ Page (Category-wise)

- FAQ categories such as MCQ, Courses, Mentorship, Subscription.
- Expand/collapse Q&A.

1.10 Mentorship Journey (Public Steps)

- Display mentorship process in steps.
- “Get Started” button triggers account creation workflow.

Workflow – Mentorship (Public)

Create Account
Answer 5 Basic MCQs (for evaluation)
Make Payment
Select preferred date/time
Mentor reviews & confirms/reschedules
1-hour video call
Provide feedback
Explore other platform features

1.11 MCQ & Sample Test (Public Overview)

- Subject list (locked until payment).
- Sample test concept overview.
- Scorecard preview.

Workflow – MCQ + Sample Test (Public to Paid)

Create Account
Select Subject
Make Payment
Unlock MCQ + Sample Test
Attempt MCQs
View Scorecard
Attempt Sample Test (any time)
Retry MCQ / Sample Test
Explore other subjects / newsletters

1.12 General Feedback Section

- General feedback form for **any user**.
- Auto-trigger feedback:
  - When user attempts to **close browser** OR **navigate back**.
  - Randomized triggers.
- Feedback saved for admin review.

1.13 Community (Public Introduction)

- Overview of community purpose.
- CTA button “Join Community” → requires login.

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2. STUDENT PORTAL (LOGGED-IN WEB APPLICATION)

Once a student logs in and has made at least one payment, the following modules will be visible:

2.1 Dashboard

- Quick insights:
    - MCQ progress
    - Subscriptions active
    - Upcoming mentorship call
    - Recommended topics

2.2 Newsletters

- Access only if subscribed.
- Read full newsletters.
- Filter by month/year.

2.3 Community

- Join community.
- Participate in discussions.
- View threads and announcements.

2.4 MCQ & Sample Test

MCQ Features

- Select subject → view chapters → sub-chapters → MCQs.
- Scorecard at:
    - Chapter level

    - Subject level

Sample Test

- Available regardless of MCQ completion.
- Contains multiple sections/topics.
- Timed tests (based on admin configuration).

MCQ / Sample Test Workflow

Select Subject
Unlock through payment
Attempt MCQs
View Scorecard
Attempt Sample Test
Retry as needed

2.5 Courses

Course Selection

- View list of subjects.
- See overview of topics (high-level headings).
- Payment gateway for course purchase.

Post-Payment

- Student receives:
    - Confirmation message
    - "Request In Progress" status
    - Option to select preferred mentorship slot

Mentor Scheduling Workflow

Student selects date/time
Mentor receives request
Mentor confirms or reschedules
Student receives final confirmation
Mentor uploads meeting link

Post-Session

- Student writes session notes in the application.
- Final session:
  - Student provides feedback for mentor.
  - Mentor provides feedback for student.
  - Student provides feedback for topics covered.

2.6 Feedback

- View own feedback history.
- Give platform feedback.
- Session-level feedback (mentor/student).

2.7 Calendar

- Shows:
  - Upcoming mentorship calls
  - Course schedule
  - Test reminders

- Subscription expiry details

2.8 Subscription Plans

- View active subscription.
- View available plans.
- Upgrade/renew from here.

2.9 Profile

- Manage personal details.
- Manage payment history.
- Update academic information.

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3. ADMIN CONSOLE (WEB APPLICATION – ADMIN USERS)

3.1 Dashboard (KPIs)

- Popular actions: Courses, MCQ, Mentorship, Newsletter.
- Yearly and monthly statistics.
- Engagement heatmap.
- Conversion insights.

3.2 Calendar

- All upcoming mentorship sessions.
- Course schedules.
- Platform-level events & reminders.

3.3 Profile

- Basic admin info.
- Change password.
- Notification preferences.

3.4 User Management

- Add, edit, delete users.
- Assign roles & permissions.
- Track student performance.
- Track mentor engagement & history.

3.5 WEBSITE MANAGEMENT (NEW MAIN TAB)

This section contains all public website-content related controls.

3.5.1 Gallery Management

- Add images to the public Gallery page.
- Delete or reorder images.
- Categorize image groups (optional).
- Direct sync to website frontend.

Workflow

Add Image → Upload → Preview → Publish to Website

3.5.2 Blogs Management

- Create blog posts.
- Save draft blog posts.
- Publish immediately OR schedule publish date.
- Schedule removal date (auto unpublish).
- Manage blog categories.
- Option to preview blog before publishing.

Workflow

Create Blog → Add Title + Content + Image → Save as Draft
OR
Schedule Publish Date → Auto Publish → Auto Unpublish (if set)

3.5.3 Testimonial Management

- Add testimonials for the website.
- Upload image of student/mentor/customer.
- Add rating (1 to 5).
- Add comment/feedback.
- Reorder testimonials for display priority.
- Delete or update existing testimonials.

Workflow

Add Testimonial → Upload Image → Add Rating + Comment → Publish

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3.5.4 Contact Page Management

- Define & edit contact details displayed on the Contact Page:
  - Email
  - Phone number
  - Address
  - Map location link
  - Support hours
- Ability to activate/deactivate contact channels.

Workflow

Enter Contact Details → Save → Auto Sync to Website

3.5.5 FAQ Management

- Add FAQs **category-wise**.
- Add question + answer fields.
- Reorder FAQs within categories.
- Create new categories.
- Publish/unpublish categories or individual FAQs.

Workflow

Add Category → Add Question + Answer → Publish

OTHER ADMIN MODULES (Continue as Earlier)

3.6 Newsletter Management

- Upload newsletters.
- Delete newsletters.
- Manage categories & published archive.

3.7 Community Management

- Moderate discussions.
- Remove unwanted posts.
- Manage pinned posts / announcements.

3.8 Feedback Management

- View all feedback:
  - General feedback
  - Course feedback
  - Mentorship feedback
- Ability to mark “reviewed/resolved”.

3.9 Course Management

- Manage subjects.
- Maintain topic headings.
- Assign mentors.
- Review course engagement & feedback.

3.10 MCQ & Sample Test Management

MCQ

- Define MCQ questions.
- Set multiple options with explanations.
- Assign chapter → topic → sub-topic.
- Mark correct answers.
- Set difficulty & scoring rules.

- Define threshold for pass/fail.

Sample Test

- Create full-length sample tests.
- Define sections.
- Set timer.
- Publish/unpublish tests.

3.11 Subscription Plan Management

- Create or update subscription plans.
- Set pricing.
- Add discounts or promotional rules.
- Track most opted plan.

3.12 Settings

- Global configurations (email templates, branding placeholders, etc.).
- Payment gateway settings.

3.13 Reports

- MCQ results & performance reports.

- Course progress & completion.
- Payments & subscription insights.
- Mentor activity logs.
- Monthly engagement summary.

3.14 Roles & Permissions

- Create roles.
- Assign granular permissions.
- Control access level per module.

3.15 Student Management

- View all students.
- Track their:
    - Progress
    - Scorecards
    - Subscriptions
    - Feedback
    - Notes from mentorship sessions

3.16 Mentor Management

- View mentors.
- See assigned students.
- View feedback received.
- Review logs & history.

3.17 Mentor Availability Marker

- Mentors define their available time slots.
- Admin can monitor all mentors' availability calendar.
- Used for student scheduling workflows.

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4. DETAILED WORKFLOWS (SIMPLIFIED USING “>”)

4.1 MCQ & Sample Test Workflow

Student Creates Account
Selects Subject
Makes Payment
MCQ Unlocked
Attempt MCQs
View Scorecard (Chapter + Subject)
Attempt Sample Test (Multiple Sections)
Retry Tests
Continue Learning

4.2 Course Purchase & Mentorship Workflow

View Course Topics (pre-purchase)
Make Payment
Status becomes “Request In Progress”
Select Preferred Date & Time
Mentor Approves or Reschedules
Mentor Uploads Meeting Link
Attend Session
Student Creates Notes
Give Feedback for Mentor
Mentor Provides Feedback for Student
After Final Session → Feedback on Topics

4.3 Newsletter Workflow

User Views Partial Newsletter
Makes Payment
Unlocks Full Content
Access All Newsletter Archives
Explore Other Features

4.4 General Feedback Workflow

User Navigates Back / Tries to Close Browser → Trigger Random Feedback Popup
User Submits Feedback
Admin Receives in Feedback Module
Admin Marks as Resolved

4.5 Mentorship Funnel Workflow (From Public to Completion)

Create Account
Attempt 5 MCQ Evaluation Questions
Make Payment
Choose Time
Mentor Confirms
1-Hour Session

Leave Feedback
Explore Other Platform Features