

# Shadanga Kriya

A Unit of **PL SIX TELE PI PRIVATE LIMITED**

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## Audio-Based Training Courses App

### Work Scope

#### 1. App Overview

The app provides **audio-based therapy courses** for registered users. Basic organization information is publicly visible, while **course access is restricted** to authenticated users with admin-provided credentials.

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#### 2. User Roles

- End User (Learner)
  - Admin (Super Admin – Web Panel)
  - Sub Admin (On-site facilitator / instructor)
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#### 3. End User Mobile App

##### 3.1 Public (No Login Required)

- Organization information:
  - About organization
  - Vision / mission
  - Gallery (images only)
  - Contact information
- No course or audio access without login.

##### 3.2 Authentication

- Login using **Admin-provided User ID & Password**
  - No public signup
  - Password reset handled via admin only
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### 3.3 Courses Listing

- View assigned / purchased courses
- Course details:
  - Course name
  - Course type:
    - Self-conducted
    - On-site (admin location)
  - Description
  - Total lessons
  - Duration
  - Status (Locked / Active / Completed)

### 3.4 Course Purchase

- Payment gateway:
    - Razorpay or Easebuzz
  - Payment flow:
    - Select course
    - Make payment
    - Or course activated by admin
  - Payment history available to user
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### 3.5 Lesson Structure

- Each course contains **multiple lessons**
- Lesson properties:
  - Audio frequency file

- Duration: **60–70 minutes**
  - Instruction note (earphones/sound system guidance)
  - Lessons must be completed **sequentially**
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### 3.6 Lesson Start Protocol (Mandatory Checks)

Before starting a lesson:

- Show instructions:
    - Enable **Flight Mode**
    - Connect **wired or wireless earphones**
    - Ensure uninterrupted focus
  - With user's consent app must **verify**:
    - Flight mode ON
    - Earphones connected
  - Lesson will not start until conditions are met
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### 3.7 Audio Playback Rules (Strict)

- Audio plays **inside the app only**
- Audio file:
  - Cannot be downloaded
  - Cannot be accessed via file manager
  - Encrypted & streamed to secure local storage
- **Playback rules:**
  - No seeking
  - No background playback
  - Screen lock optional (admin configurable)

### 3.8 Pause Control Logic

- Max **3 pause attempts per lesson**

- After 3 pauses:
    - Lesson auto-skips OR locks
  - User may request **additional 3 pauses**
    - Admin approval required
  - Pause count visible to admin
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### 3.9 Offline-Only Lesson Mode

- Lesson can start **only in offline mode**
  - Internet must be disabled once lesson begins
  - App enforces:
    - Offline playback
    - No background apps interruption (best effort)
  - Once internet is available again:
    - Lesson progress
    - Pause count
    - Completion status
      - **Auto-sync to server**
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### 3.10 On-Site Course Flow

- Sub Admin marks **attendance**
  - Attendance mandatory before lesson unlocks
  - Lesson starts only after:
    - Attendance marked
    - Protocol checklist confirmed
  - Same pause & offline rules apply
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### 3.11 User Progress & History

- Lesson completion status
- Course progress percentage
- Completed / pending lessons

- Payment & course history
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## 4. Admin Web Panel (Super Admin)

### 4.1 Authentication

- Secure login (email + password)
  - Role-based access control
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### 4.2 User Management

- Create users manually
  - Assign login ID & password
  - Activate / deactivate users
  - Reset credentials
  - Assign courses to users
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### 4.3 Course Management

- Create / edit courses
  - Define:
    - Course type (Self / On-site)
    - Price
    - Lessons
  - Upload encrypted audio files
  - Set lesson duration & rules
  - Activate / deactivate courses
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### 4.4 Lesson Control

- View lesson-wise statistics:
  - Played
  - Completed

- Skipped
  - Pause count
  - Grant additional pause attempts
  - Reset lesson if required
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#### **4.5 Payment Management**

- View transactions
  - Payment gateway configuration
  - Manual course activation if needed
  - Download payment reports
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#### **4.6 Sub Admin Management**

- Create sub admin accounts
  - Assign location / course access
  - Control permissions:
    - Attendance/remark marking
    - Session supervision
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#### **4.7 Attendance Management (On-site)**

- View attendance logs
  - User-wise & session-wise tracking
  - Export attendance reports
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#### **4.8 Analytics & Reports**

- Course-wise completion
- User engagement

- Lesson interruption data
  - Payment summaries
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## 5. Sub Admin Panel (Web / Tablet Friendly)

- Login with admin-provided credentials
  - View assigned on-site courses
  - Mark attendance
  - Start / supervise sessions
  - View basic session reports
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## 6. Security & Compliance

- Encrypted audio storage
- Secure playback (no external access)
- Offline enforcement
- Device-level checks (flight mode, earphones)

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