**CelebFitLife Streamer Dashboard Functional Requirements Document (FRD)**

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### **1. Overview**

The Streamer Dashboard is the central hub for celebrities and fitness instructors to manage live sessions, track performance, engage with subscribers, and moderate content. This document outlines the core features, user flows, and design requirements for MVP 1.0.

### **2. Dashboard Layout & Navigation**

**Primary Sections:**

* Header (Top Bar)
* Analytics Overview
* Upcoming Sessions & Calendar
* Moderation Logs
* Recent Activity
* Session History
* Settings & Tools

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### **3. Functional Requirements**

#### **3.1 Header (Top Bar)**

**FRD-D1: Quick Stats Widget**

* **Metrics Displayed:**
  + Current subscribers (total)
  + Earnings (today, this month, all-time)
  + Hours streamed (today, weekly)
  + Current viewers (if live)
* **User Flow:**
  + Clicking "Earnings" opens a detailed breakdown (payouts, pending balance).
  + Hovering over "Subscribers" shows growth trends (e.g., "+25 this week").
* **Design Note:** Use gradient-colored badges for each metric.

**FRD-D2: Notification Bell**

* **Functionality:** Alerts for new subscribers, session reminders, or platform updates.
* **User Flow:**
  + Clicking the bell displays a dropdown with notifications.
  + "Mark all as read" clears alerts.

#### **3.2 Analytics Overview**

**FRD-D3: Metrics Area Chart**

* **Functionality:** Interactive chart showing key trends (viewers, earnings, subscribers).
* **Filters:**
  + Timeframe: Today, Yesterday, Last 7 Days, Custom Range
  + Metric Type: Toggle between viewers, earnings, or subscribers
* **User Flow:**
  + Hovering over chart points displays exact values
  + Clicking "Export Data" downloads a CSV
* **Design Note:** Gradient-style area chart with dark/light mode toggle

**FRD-D4: Top Sessions Widget**

* **Functionality:** List of highest-performing streams (by viewers or earnings)
* **User Flow:**
  + Clicking a session opens detailed analytics

#### **3.3 Upcoming Sessions & Calendar**

**FRD-D5: Schedule Stream Modal**

* **Functionality:** Streamers can schedule new live sessions
* **Fields:**
  + Date/time (with timezone picker)
  + Title, description, workout category
  + Thumbnail upload (optional)
* **User Flow:**
  + Clicking "Schedule" adds session to calendar and sends notifications (FRD-N3)

**FRD-D6: Calendar View**

* **Functionality:** Grid-style calendar showing sessions
* **Interactions:**
  + Click a date to highlight sessions
  + Hover over session to show tooltip (title/time)
* **Design Note:** Color-code sessions:  
  + Blue: Upcoming
  + Green: Live
  + Gray: Past

#### **3.4 Moderation Logs**

**FRD-D7: Moderation Actions Table**

* **Functionality:** Log of banned/muted users
* **Columns:** Username | Action | Duration | Reason | Date
* **User Flow:**
  + Clicking "Reverse Action" unbans/unmutes a user (with confirmation)
  + Filter by date or action type
* **Design Note:** Red = bans, Yellow = mutes

#### **3.5 Recent Activity**

**FRD-D8: New Subscribers List**

* **Functionality:** Scrollable list with profile pics
* **User Flow:** Clicking name opens profile (future feature)

**FRD-D9: Chat Highlights**

* **Functionality:** Most-liked chat messages from streams
* **Design Note:** Display in speech bubbles with reaction counts

#### **3.6 Session History**

**FRD-D10: Past Sessions Grid**

* **Functionality:** Cards showing session info:  
  + Thumbnail, date, duration, viewers, earnings
* **User Flow:** Clicking a card opens details (poll results, chat, demographics)

#### **3.7 Settings & Tools**

**FRD-D11: Device Test Modal**

* **Functionality:** Pre-stream mic/camera/speaker check
* **User Flow:**
  + "Test Mic" plays sound + shows audio levels
  + "Test Camera" shows live preview

**FRD-D12: Payment Settings**

* **Functionality:** Link/update payout methods
* **User Flow:** Clicking "Connect to Stripe" starts OAuth flow

### **4. Future Features**

* VOD Management (upload/edit recorded sessions)
* Merchandise Tab (sell branded gear)
* Goals Widget (set/view targets)
* Collaboration Tools (invite guest streamers)

### **5. User Flow Examples**

**Scheduling a Stream:**

1. Click "Schedule Stream"
2. Fill out fields (title, time, etc.)
3. Click "Confirm"
4. Session appears on calendar
5. Subscribers notified (FRD-N3)

**Banning a User:**

1. Open Moderation Logs
2. Click "Ban" beside user
3. Select reason (e.g., "Spam")
4. User banned, action appears in log with "Reverse" option

### **6. Design Notes**

* **Color Scheme:** CelebFitLife brand (purple gradients for highlights)
* **Responsiveness:** Optimized for desktop and tablet
* **Permissions:** Streamers restricted from admin-only tools (e.g., global bans)