

## Part 2 - Admin Panel Redevelopment

**Budget: \$700 ( 22 Days )**

### Overview

This milestone focuses on building a powerful and user-friendly admin panel with Django, HTML, CSS, JavaScript, and Bootstrap. The admin panel will allow complete control over website management, including content updates, user management, live TV channel organization, and advertising.

We will mainly work on the sent doc, This is an agreement doc for the work scope mentioned in the original sent doc

### Process

#### Step 1: Requirements Analysis

- Analyze the Figma design to identify required features and functionalities.
- Discuss improvements with the client and confirm additional features.
- Ensure the panel allows seamless management of movies, series, live TV, pages, and settings.
- Plan role-based access control for different user levels (Admin, Editor, Viewer).

#### Step 2: Technology Stack Selection

- Back-End: Django (Python) for a structured and secure admin panel.
- Front-End: HTML, CSS, JavaScript, and Bootstrap for a responsive and modern UI.
- Database: PostgreSQL for efficient data handling.

#### Step 3: Project Setup

- Configure PostgreSQL for storing movies, series, live TV, users, and settings.
- Implement Git version control for tracking changes.

#### Step 4: Core Features Development

##### 1. Authentication & Role Management

- Develop a unified login system for both users and admin.
- Implement role-based access control

##### 2. Dashboard & Navigation

- Create an intuitive admin dashboard displaying:
  - Active movies, series, and live TV.
  - User activity and recent changes.
  - Quick access links for content management.

### 3. Website Content Management

- Implement features to:
  - Add/Edit/Delete movies, series, and live TV channels.
  - Manage pages (e.g., home, about, contact) with a dynamic page builder.
  - Edit fonts, colors, images, banners, and links directly from the panel.
  - Customize advertising placement with integrated Adsterra.

### 4. Payment & Subscription Handling

- Deactivate WordPress payment gateway and integrate Stripe.
- Fix the Apple Pay bug.

### 5. Player & Streaming Features

- Ensure movie, series, and live TV streaming with Chromecast integration.
- Add subtitle file support (30 languages).
- Implement advertising every 5 minutes in streams.

### 6. Live TV Channel Management

- Integrate M3U live TV channels.
- Provide sorting, editing, and deletion functionalities.

### Step 5: Optimization & Testing

- Optimize database queries for performance.
- Ensure the panel is fully responsive and works on all devices.
- Conduct security tests to prevent unauthorized access.
- Review advertising and payment functionality.

### Step 6: Final Touches & Deployment

- Add sample data (2 movies, 2 series).
- Provide an explanation file for subtitles, Chromecast, and ads.
- Conduct a final review and prepare for deployment.

## Milestone Deliverables

1. Fully functional Django-based Admin Panel.
2. Website Content Management System for movies, series, live TV, and pages.
3. Payment Integration Fixes (Stripe & Apple Pay).
4. Live TV Channel Management with M3U support.
5. Advertising System with integrated Adsterra.
6. Chromecast & Subtitle Support (30 languages).