





Project Brief

- ALIVE Podcast Network empowers content creators and listeners, offering a platform that supports monetization and quality content. This comprehensive system includes mobile apps and web portals for listeners, hosts, and administrators. With features like episode management, social media log-in, and Stripe payment integration, it creates a dynamic podcasting ecosystem. ALIVE Podcast Network enriches lives through inspirational, innovative, and informative content.

Key Challenges

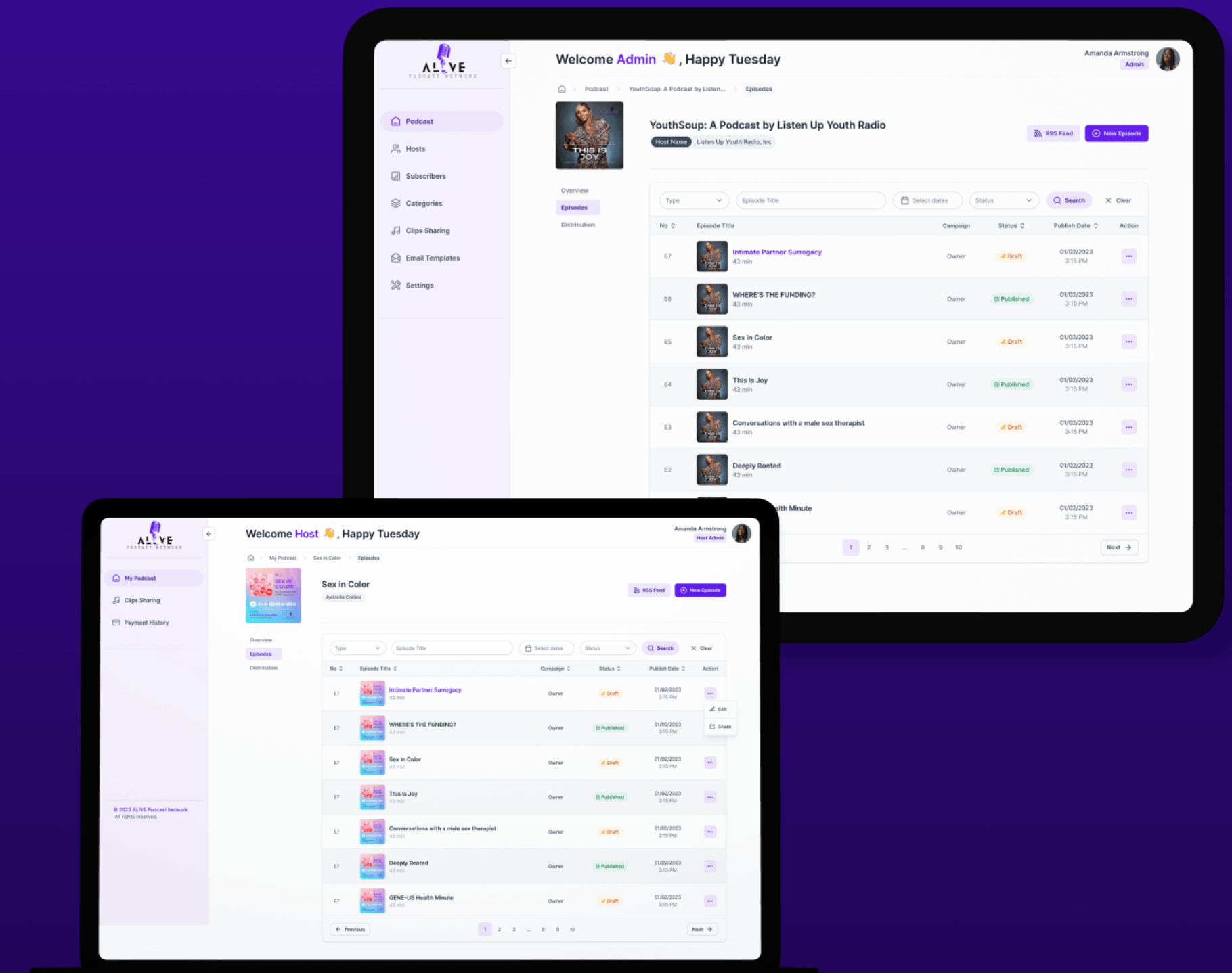
- **Importing & Generating ALIVE Platform RSS:** Generating and managing unique RSS feeds for podcast distribution.
- **Podcast Audio Manipulation:** Manipulating podcast audio, including trimming and converting formats.
- **Social Media Integration:** Enabling users to share episode clips on various social media platforms.
- **Stripe Connect Integration:** Implementing complex payment flows and ensuring secure revenue sharing.
- **Podcast Import:** Developing robust tools for importing and validating podcasts from RSS feeds.
- **AWS Cloud Hosting:** Ensuring scalability, reliability, and availability through AWS cloud hosting.
- **User Persona Integration:** Catering to diverse user roles, including listeners, hosts, and administrators.

Solution Delivered

- Developed a solution to extract details from other platform RSS feeds, generate an ALIVE RSS feed compliant with industry standards (RSS 2.0), and ensure compatibility for distribution.
- Implemented a class library using the NAudio NuGet package to perform audio tasks, such as audio clipping, format conversion (e.g., WAV to MP3), and adding ID3 tags to audio files.
- Created a solution to merge clip audio and artwork into MP4 files, which users can save in local storage and share on social media platforms like Facebook, Instagram, Twitter, LinkedIn, and WhatsApp.
- Implemented the Stripe payment library, allowing hosts to set up Stripe Connect accounts to receive 50% of the purchased subscription amount from users.

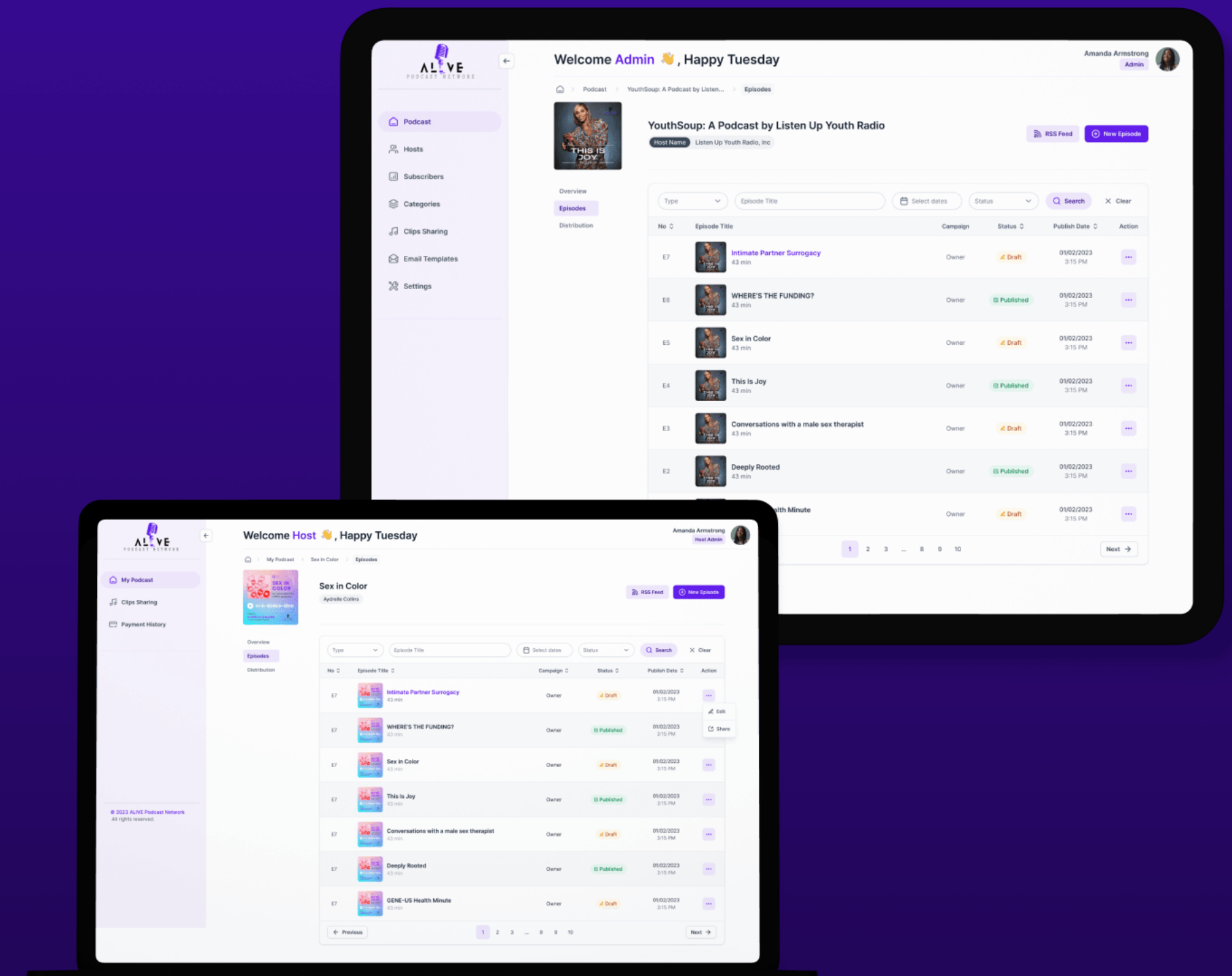
Highlighted Features

- **Podcast/Episode Management:** Admin and Host users can manage their podcasts and associated episodes, including adding, editing, deleting, and publishing them.
- **Administrator/Host/Subscriber Users Management:** Admin users can manage Host and Subscriber profiles, including approval flow for Host registration processes.
- **Import podcast from RSS feeds:** Admin and Host users can import podcast and associated episode details from other platform RSS feed URLs.
- **Category/Email Template/Settings Management:** Admin users can manage Category, Email Template, and Settings modules.
- **Coupon/Subscription Plan Management:** Admin users can manage subscription plans and coupons that are available on the mobile application for purchase and apply discounts for subscriber users.
- **Become Host/CMS Management:** Admin users can manage CMS pages and view the list of become host requests received from the mobile application.



Highlighted Features

- **ALIVE RSS feed to share for distribution directories:** The application generates an ALIVE RSS feed runtime based on the podcast and associated episode details provided and generates a unique URL to share on other RSS distribution platforms.
- **Audio clip sharing:** Users can share episode clip audio with artwork on all social media platforms by creating an mp4 file that merges clip audio and artwork image files.





Welcome **Host** 🙌, Happy Tuesday

Amanda Armstrong
Host Admin



My Podcast > Sex in Color > Episodes



Sex in Color

Aydrelle Collins

RSS Feed

New Episode

Overview

Episodes

Distribution

Type








Episode Title

Select dates

Status

Search

Clear

No	Episode Title	Campaign	Status	Publish Date	Action
E7	 Intimate Partner Surrogacy 43 min	Owner	Draft	01/02/2023 3:15 PM	...
E7	 WHERE'S THE FUNDING? 43 min	Owner	Published	01/02/2023 3:15 PM	...
E7	 Sex in Color 43 min	Owner	Draft	01/02/2023 3:15 PM	...
E7	 This Is Joy 43 min	Owner	Published	01/02/2023 3:15 PM	...
E7	 Conversations with a male sex therapist 43 min	Owner	Draft	01/02/2023 3:15 PM	...
E7	 Deeply Rooted 43 min	Owner	Published	01/02/2023 3:15 PM	...
E7	 GENE-US Health Minute 43 min	Owner	Draft	01/02/2023 3:15 PM	...

Edit

Share

Previous

1

2

3

...

8

9

10

Next

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Welcome Admin 🙌, Happy Tuesday

Podcast > Create New Podcast

Create a New Podcast

Add another show – create a brand new one podcast.

Host Name

Search Host

Add Host

Featured show?

Lorem ipsum dolor sit amet consectetur.



ALIVE Original show?

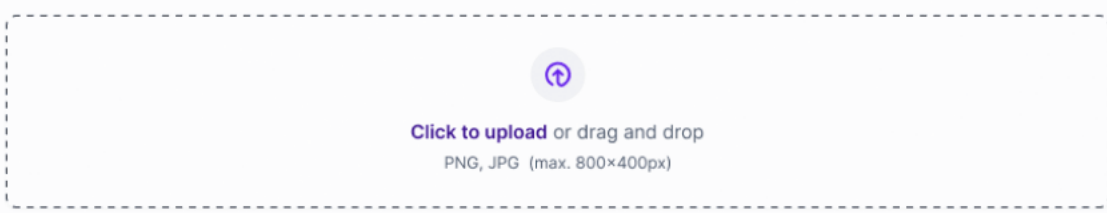
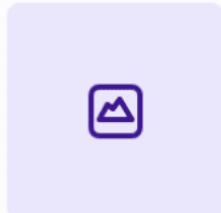
Lorem ipsum dolor sit amet consectetur.



Podcast Title

The title of your show

Podcast Artwork / Image



Description

B I H H

Short description of your show. A few sentences is usually recommended.

What type of show is this?

☐ Episodic

☒ Serial

☒ Explicit Content Warning

This show contains explicit content

Primary Category

Art

Secondary Category

Design

Author *

Name of author

Keywords

e.g. technology, design, marketing

Design ×

Product ×

Marketing ×

Podcast owner

Olivia Rhye

Owner Email

e.g mypodcast@gmail.com

Copyrights

e.g. © 2023 Podcasting Co.

Websites

e.g http://mypodcast.fm

Create My Podcast

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Amanda Armstrong

Admin



Podcast > YouthSoup: A Podcast by Listen... > Distribution



YouthSoup: A Podcast by Listen Up Youth Radio

Host Name Listen Up Youth Radio, Inc

RSS Feed

Overview

Episodes

Distribution



Spotify Podcasts

You can sign up and submit your RSS Feed directly to Spotify Podcasts [right here.](#)



Google Podcasts

You can sign up and submit your RSS Feed directly to Google Podcasts [right here.](#)



Apple Podcasts

You can sign up and submit your RSS Feed directly to Apple Podcasts [right here.](#)

www.abci.com



Amazon Music and Audible

You can sign up and submit your RSS Feed directly to Amazon Music and Audible [right here.](#)



Podcast Addict

You can sign up and submit your RSS Feed directly to Podcast Addict [right here.](#)



Deezer

You can sign up and submit your RSS Feed directly to Deezer [right here.](#)



Player FM

You can sign up and submit your RSS Feed directly to Player FM [right here.](#)



TuneIn

You can sign up and submit your RSS Feed directly to TuneIn [right here.](#)



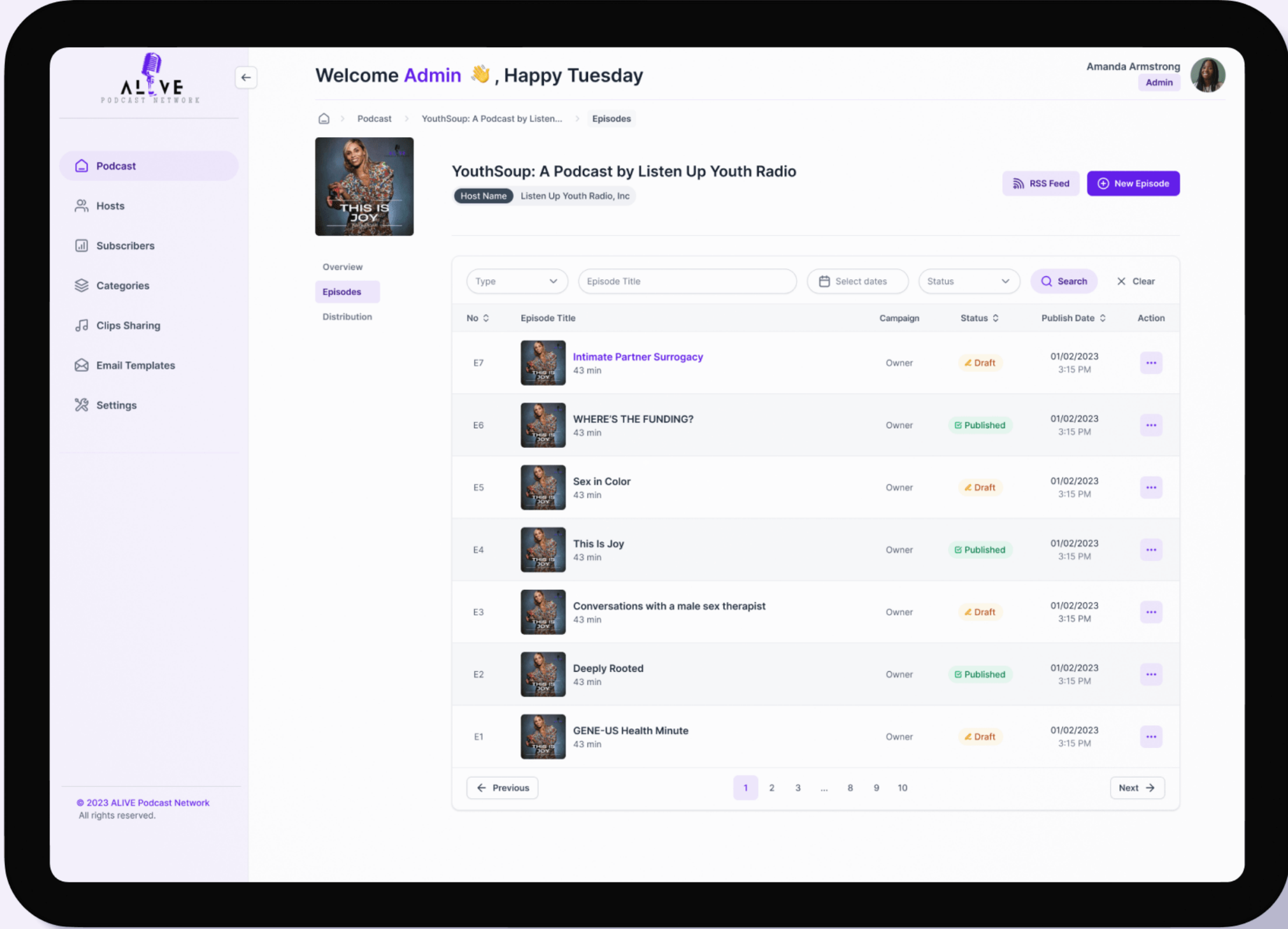
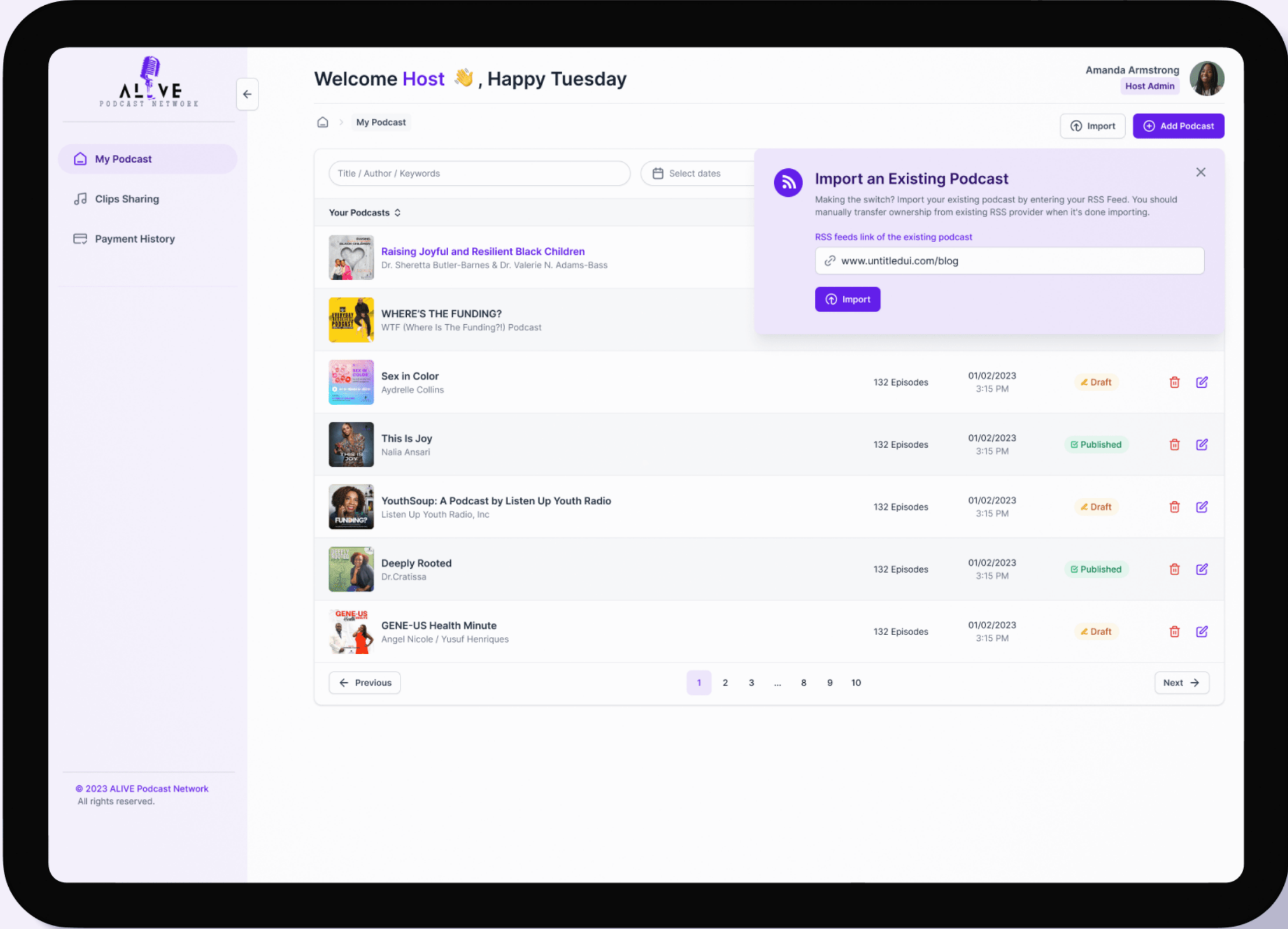
Pandor

You can sign up and submit your RSS Feed directly to Pandor [right here.](#)

Cancel

Save changes

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Technology Overview

- **Web Framework**
.NET Core
- **Programming Language**
C#, TypeScript
- **Design Tool**
Figma
- **UI Framework**
Angular
- **Database**
MySQL
- **Industry Domain**
Podcast Streaming

[View Prototype](#)

