



Template Name	Unseen Voices – Platform for Visually Impaired
Goals & Objective	This issue stems from the inherently visual design of the current system. This design orientation makes it difficult for students with visual impairments to interact with the system. It is critical to bridge this gap, because not only do we want to make the system accessible, but we also want to ensure that we do not devalue their contribution.
Client Information	
Product Type	Web Application
Domain	Web2
Access Layers	User, admin
Design Required	Yes

Phase	Item No	Specification [Role]
Feature: 1		Voice Authentication
phase 1	1	Voice-Guided Registration [Admin][User]

phase 1	2	Voice-Assisted Sign-In [Admin] [User]
phase 1	3	Voice Password Reset [Admin] [User]
Feature: 2		Voice Navigation Dashboard
phase 1	4	Voice Navigation Menu [User]

phase 1	5	Voice Navigation Menu [Admin]
phase 1	6	Voice Dashboard [Admin] [User]
Feature: 3		Voice Content Creation
phase 2	7	Voice Blog Creation [User]

phase 2	8	Voice Poetry Creation [User]
phase 2	9	Voice Music Creation [User]
Feature: 4		Voice Content Management
phase 2	10	Voice Content Library [User]
Feature: 5		Voice Social Features

phase 3	11	Voice Community Feed [Admin] [User]
phase 3	12	Voice Messaging [Admin] [User]
Feature: 6		Voice Profile Management
phase 1	13	Voice Profile View [Admin] [User]

phase 1	14	Voice Profile Edit [Admin] [User]
phase 1	15	Voice Settings [Admin] [User]



ed Creators
esign of most mainstream digital platforms where interfaces someone with a visual impairment to create content as they l es it create inclusion, it allows visually impaired individuals

Screen Definition
<div><form> <voice_input=name> <voice_input=email> <voice_input=preferred_content_type> <voice_input=accessibility_needs> <voice_input=password> <voice_input=confirm_password> <button=register_with_voice> <link=voice_signin></div>

```
<form>
<voice_input=email>
<voice_input=password masked=true>
<toggle=remember_me>
<button=signin_with_voice>
<link=register>
<link=forgot_password>
```

```
<form>
<voice_input=email>
<button=send_audio_code>
<voice_input=verification_code>
<voice_input=new_password>
<voice_input=confirm_new_password>
<button=voice_submit>
```

```
<Audio_Menu>
Dashboard
Create Content
My Content Library
Community Feed
Discover Content
Voice Messages
My Profile
Account Settings
Accessibility Settings
```


<Audio_Menu>
Dashboard
Discover Content
My Favorites
Community Feed
Voice Messages
My Profile
Account Settings
Accessibility Settings

<dashboard>
<audio_summary=welcome>
<card=content_statistics>
<card=recent_activity>
<card=quick_actions>
<feed=community_updates>
<help=voice_commands>
<admin_card=flagged_content>
<admin_card=reports_queue>
<admin_card=platform_health>

<form>
<voice_input=blog_title>
<voice_textarea=content><voice_input=tags><button=voice_
preview><button=voice_publish><button=save_draft>

```
<form>
<voice_input = poem_title>
<voice_textarea = poem_content>
<voice_input = mood_tags>
<button = voice_preview>
<button = voice_publish>
```

```
<form>
<voice_input = song_title>
<voice_recorder = audio_content>
<voice_input = genre_tags>
<button = voice_preview>
<button = voice_publish>
```

```
<Voice_Library>
<voice_search = content>
<voice_filter = content_type>
<voice_navigation = content_list>
<voice_commands = edit_delete>
<voice_sort = date_popularity>
<voice_command = bulk_actions>
```

```
<dashboard>
<audio_summary = welcome>
<card = content_statistics>
<card = recent_activity>
<card = quick_actions>
<feed = community_updates>
<help = voice_commands>
<admin_card = flagged_content>
<admin_card = reports_queue>
<admin_card = platform_health>
```

```
<button = new_message>
<voice_input = recipient search=true>
<recorder = voice_message>
<button = send>
<list = threads>
<player = playback>
<admin_action = broadcast>
<admin_action = system_notice>
```

```
<section = summary tts = true>
<field = display_name>
<field = bio>
<field = stats>
<list = recent_activity>
<command = edit_profile>
<admin_field = admin_stats>
<admin_field = responsibilities>
```

```
<voice_input = display_name>  
<voice_input = bio limit=300>  
<multiselect = interests>  
<toggle = privacy_options>  
<button = save_changes>  
<admin_input = notification_prefs>  
<admin_input = moderation_settings>
```

```
<settings>  
<control = tts_speed>  
<control = voice_type>  
<control = audio_quality>  
<control = privacy_controls>  
<button = save>  
<admin_control=system_notifications>  
<admin_control=security_policies>
```


Unseen Voices – Platform for Visually Impaired

, navigation systems and creative tools are primarily visual. I have to rely on outside assistance, or limited tools. It is my goal to contribute to the digital ecosystem in a way that doesn't

User Story

As a visually impaired user, I want to register via voice so I can create an account without typing. As an admin, I want to register an admin account via voice so I can access management tools without visual input.

As a registered user, I want to sign in using voice so I can access my account quickly. As an admin, I want secure voice sign-in to reach moderation and system tools.

As a user who forgot my password, I want to reset it using voice instructions so that I can regain access to my account without visual navigation. As an admin, I want to reset my account password with voice guidance so that I can quickly restore access to moderation tools.

As a user, I want to navigate the platform using voice commands so that I can access all features without needing to see or click on visual menus.

As an admin, I want voice-controlled navigation to administrative features so that I can manage the platform efficiently without visual dependencies.

As an admin,
I want to hear a comprehensive audio summary of the platform's moderation status and health metrics,
So that I can quickly assess and prioritize critical moderation tasks without needing to sift through dashboards manually.

As a platform user, I want to hear a personalized audio summary of my dashboard, So that I can quickly understand my recent activity, key statistics, platform updates, and available actions without needing to visually scan the interface.

As a content creator, I want to write blog posts by speaking so that I can express my thoughts and ideas without typing or visual formatting tools.

As a poet, I want to create and format poetry using voice commands so that I can preserve the artistic structure of my poems without visual editing.

As a musician, I want to record and upload music using voice-controlled tools so that I can share my musical creations independently.

As a content creator, I want to manage all my content using voice commands so that I can organize, edit, and delete my posts without visual browsing.

As a user, I want to browse and interact with content by voice.
As an admin, I want to review and moderate items in the feed by voice.

As a user, I want to send and receive voice messages so that I can communicate with other creators in the most natural way for me. As an admin, I want to send voice updates or moderation notices so that I can communicate with users efficiently.

As a user, I want to hear my profile information read aloud so that I can understand how others see my creative presence on the platform. As an admin, I want my admin stats and responsibilities read aloud to track my impact.

As a user, I want to update my profile information using voice input so that I can maintain my online presence without visual form filling. As an admin, I want to adjust my admin preferences by voice.

.As a user, I want to customize accessibility and preferences.
As an admin, I want to configure platform-level options relevant to my role

Paired Creators

Acceptance Criteria

User: Validates unique email; enforces password rules; confirms content type & accessibility; errors and success voiced; confirmation email sent; redirects to user dashboard.

Admin: All user criteria + role assignment=admin; success routes to admin dashboard; audit log entry created; admin welcome brief played.

User: Validates credentials; lockout after N failed attempts; remember-me confirmation; success announces last login and routes to user dashboard.

Admin: All user criteria + 2FA prompt if enabled; success routes to admin dashboard; failed attempts logged; shorter session timeout.

User: Code sent via voice call/SMS and verified through audio; enforces password policy; confirms success; auto sign-in option.

Admin: All user criteria + extra identity check; reset generates security alert and audit log; no auto sign-in if high-risk.

Voice command 'Go to Dashboard' navigates to main dashboard

Voice command 'Create Content' opens content creation menu

Voice command 'My Library' opens personal content management

Voice command 'Community' opens social feed

Voice command 'Discover' opens content discovery

Voice command 'Messages' opens voice messaging system

Voice command 'Profile' opens profile management

Voice command 'Settings' opens account configuration

Voice command 'Accessibility' opens accessibility customization

Voice command 'Dashboard' navigates to User dashboard

Voice command 'Discover' opens content browsing

Voice command 'Favorites' opens saved content

Voice command 'Community' opens social interactions

Voice command 'Messages' opens voice messaging

Voice command 'Profile' opens profile viewing

Voice command 'Settings' opens account management

Voice command 'Accessibility' opens accessibility options

User: Greets by name; reads content stats; summarizes activities; offers quick actions; community highlights; help commands.

Admin: Reads counts of reports, flagged items, pending appeals; trend deltas; top moderation tasks; announces anomalies.

Voice input for blog title with audio confirmation

- Voice command 'Start dictating' begins speech-to-text
- Real-time voice transcription with editing commands
- Voice commands for formatting (paragraph, bold, italic)
- Voice tagging with audio tag suggestions
- Audio preview of complete blog post
- Voice publishing with confirmation dialog
- Auto-save with audio notification

- Voice input for poem title with audio echo
- Voice command 'New verse' creates verse breaks
- Speech-to-text with poetry-specific formatting
- Voice rhythm and meter guidance
- Mood tagging with voice suggestions
- Audio preview with TTS poetry reading
- Publishing with poetic audio confirmation

- Voice input for song title with confirmation
- Voice-controlled audio recording start/stop
- Multi-track recording with voice navigation
- Voice commands for basic audio editing
- Genre tagging with voice selection
- Full audio preview with playback controls
- Publishing with audio upload confirmation

- Voice search across all personal content
- Voice filtering by content type (blog, poetry, music)
- Audio navigation through content list
- Voice commands for edit/delete actions
- Voice sorting by date, popularity, or alphabetical
- Bulk actions via voice selection

User: Navigate, like/unlike, dictate comments, share, follow/unfollow, filter; confirmations voiced.

Admin: Approve/remove items; open reports; ban users; actions confirmed and logged.

User: Search recipients; record/playback; send confirmation; navigate threads; unread count voiced.

Admin: Broadcast to segments; send moderation notices; confirmations required; actions logged.

User: Reads name, bio, stats, activities; supports item drill-in; edit profile command.

Admin: Adds moderation counts, responsibilities, permissions; quick access to reports queue.

User: Validates display name; enforces bio length; selects interests; privacy toggles; save confirms.

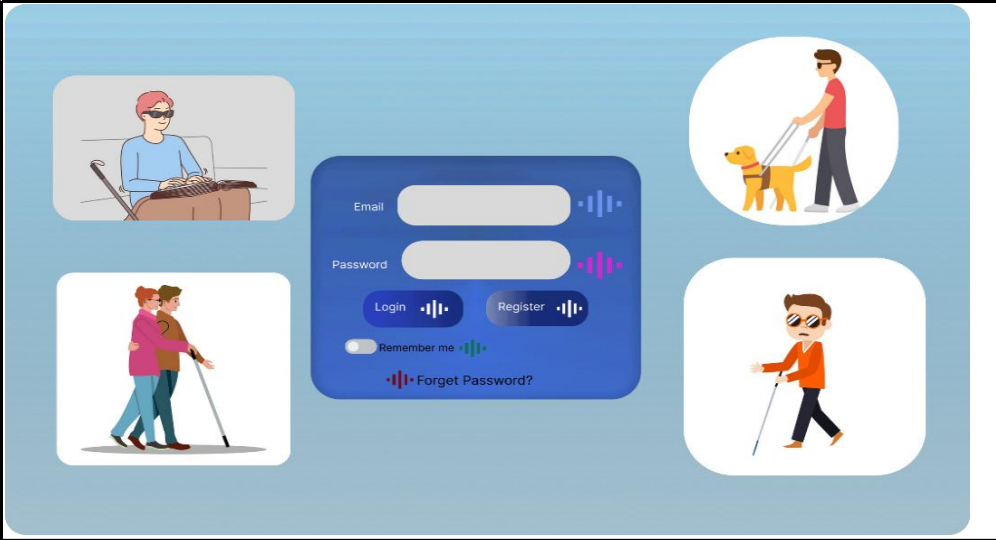
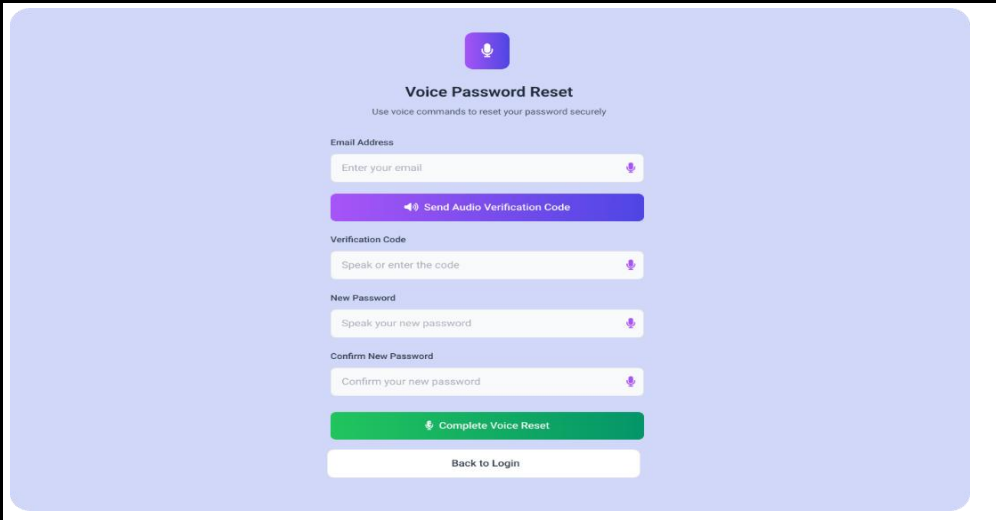
Admin: All user edits + admin prefs; warnings before disabling alerts; logged changes.

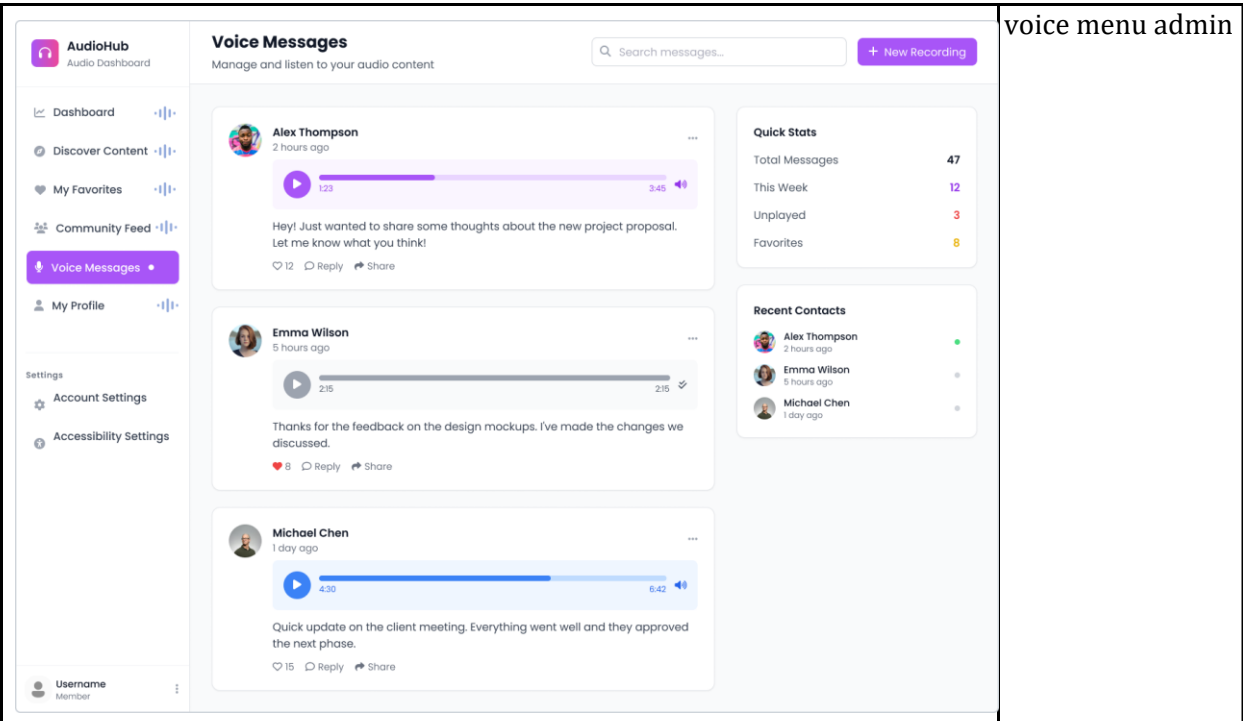
User: Adjusts TTS speed/voice; sets audio quality; updates privacy; voiced save confirmation; revert option.

Admin: All user controls + notifications, alerts, and security policies; risky changes require double confirm and logging.

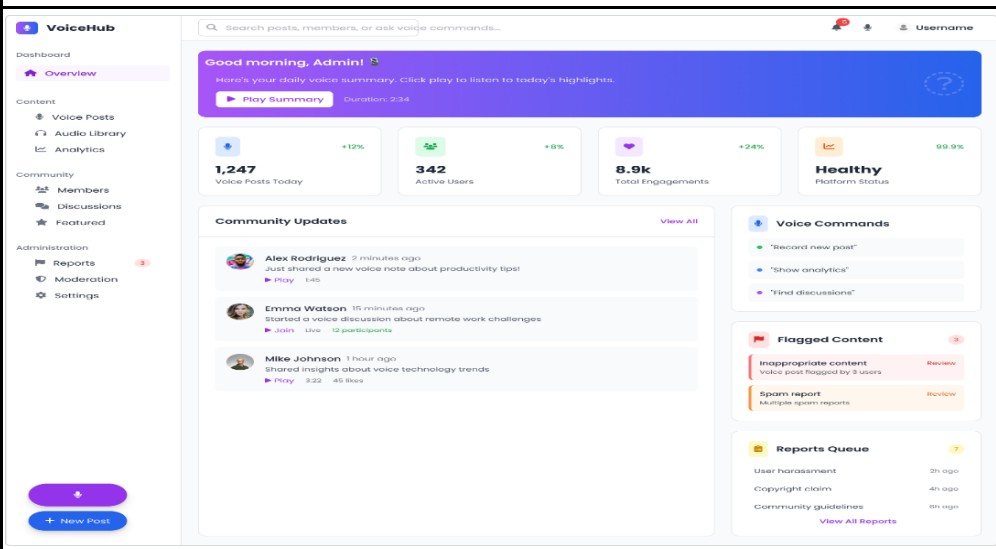


UI Screen / Wireframe	Tags
<div data-bbox="229 1102 1190 1754"><div data-bbox="336 1164 1102 1662"><div data-bbox="691 1187 733 1226"></div><div data-bbox="608 1239 818 1269">Voice Registration</div><div data-bbox="582 1271 844 1288"><small>Create your account using voice commands</small></div><div data-bbox="359 1308 414 1324">Full Name</div><div data-bbox="368 1333 689 1361"><input type="text" value="Speak your full name"/></div><div data-bbox="666 1333 684 1361"></div><div data-bbox="717 1308 793 1324">Email Address</div><div data-bbox="726 1333 1047 1361"><input type="text" value="Speak your email address"/></div><div data-bbox="1024 1333 1042 1361"></div><div data-bbox="359 1384 483 1400">Preferred Content Type</div><div data-bbox="368 1409 689 1437"><input type="text" value="Select or speak your preference"/></div><div data-bbox="666 1409 684 1437"></div><div data-bbox="666 1409 684 1437"></div><div data-bbox="717 1377 822 1393">Accessibility Needs</div><div data-bbox="726 1402 1047 1430"><input type="text" value="Describe any accessibility requirements"/></div><div data-bbox="1024 1402 1042 1430"></div><div data-bbox="359 1460 412 1476">Password</div><div data-bbox="368 1485 689 1513"><input type="text" value="Speak your password"/></div><div data-bbox="666 1485 684 1513"></div><div data-bbox="717 1460 814 1476">Confirm Password</div><div data-bbox="726 1485 1047 1513"><input type="text" value="Confirm your password"/></div><div data-bbox="1024 1485 1042 1513"></div><div data-bbox="629 1542 784 1563"> Register with Voice →</div><div data-bbox="638 1591 777 1607"><small>Already have an account?</small></div><div data-bbox="650 1614 763 1634"> Voice Sign In →</div></div></div>	voice registration

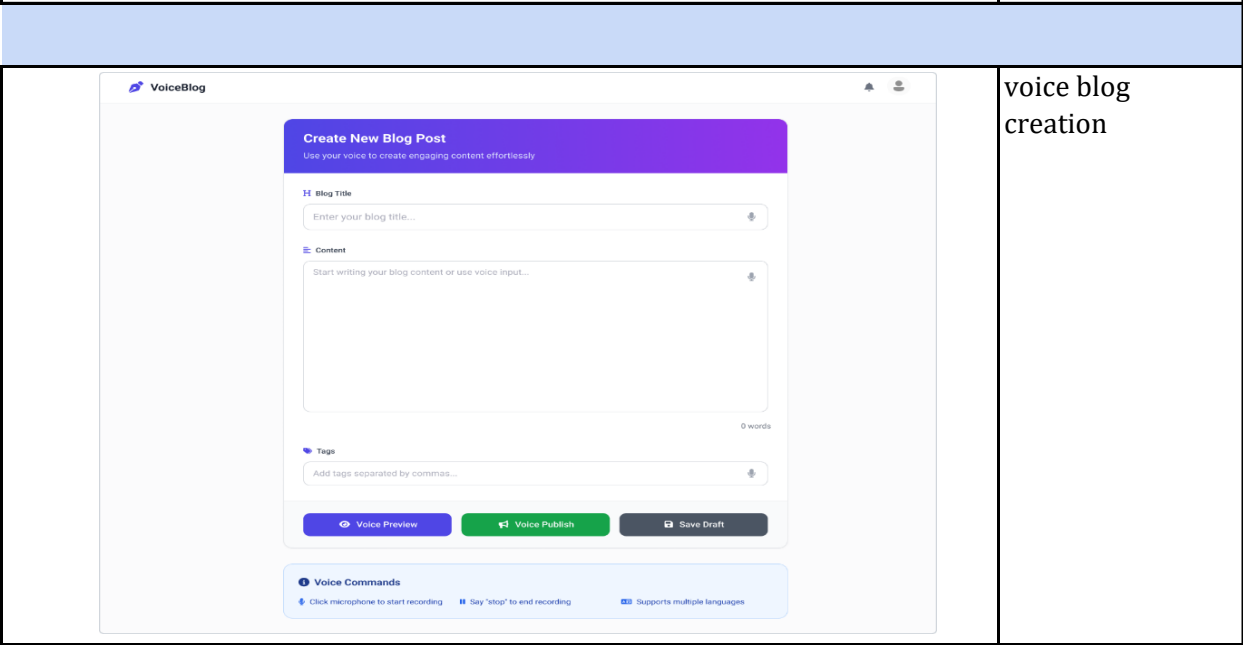
 A login interface with a blue background. It features four circular illustrations: a person with a cane, a couple walking with a cane, a person with a dog, and a person with a cane. In the center is a dark blue login box with fields for 'Email' and 'Password', 'Login' and 'Register' buttons, a 'Remember me' checkbox, and a 'Forgot Password?' link.	voice signin
 A 'Voice Password Reset' interface on a light purple background. It includes a microphone icon, the title 'Voice Password Reset', and instructions: 'Use voice commands to reset your password securely'. The form has fields for 'Email Address' (with a 'Send Audio Verification Code' button), 'Verification Code' (with a 'Speak or enter the code' prompt), 'New Password' (with a 'Speak your new password' prompt), and 'Confirm New Password' (with a 'Confirm your new password' prompt). It ends with a 'Complete Voice Reset' button and a 'Back to Login' link.	voice password reset
 A user dashboard for 'AudioFlow Content Studio'. The left sidebar contains navigation links: Dashboard, Create Content, My Content Library, Community Feed, Discover Content, Voice Messages, Account, My Profile, Account Settings, and Accessibility Settings. The main area is titled 'Dashboard' with the subtitle 'Choose how you'd like to create your audio content'. It features three action cards: 'Record Audio' (Start recording directly from your microphone), 'Upload File' (Upload existing audio files from your device), and 'Text to Speech' (Convert written text into natural-sounding audio). Below these is a 'Recent Projects' section showing 'Podcast Episode #24' (Published, 2 hours ago) and 'Audio Book Chapter 3' (Draft, yesterday).	voice menu user



voice menu admin



voice dashboard



voice blog creation

My Poems

Discover

Community

Create Your Voice-Powered Poetry

Transform your spoken words into beautiful poetry with AI assistance

Poem Title

Speak or type your poem title...

Poem Content

Start speaking your poem or type it here... Let your creativity flow through voice or text

Voice recognition active

0/1000 words

Mood Tags

melancholy, hopeful, romantic, nostalgic...

romantic

melancholy

hopeful

Voice Preview

Voice Publish

Voice-to-Text

Speak naturally and watch your words transform into beautiful poetry

Share & Connect

Publish your voice-crafted poems and connect with fellow poets

voice poetry creation

Dashboard

Library

Collaborate

Create Your Voice Track

Record, edit, and publish your music with AI-powered tools

Song Title

Enter your song title...

Voice Recording

Ready to Record

Tap the microphone to start recording

00:0005:00

Genre & Tags

Add genres and tags (e.g., pop, acoustic, love song)...

Pop

Acoustic

Love

Preview Track

Publish Track

Recent Tracks

Midnight Dreams

2 hours ago

Pop

Emotional

Ocean Waves

1 day ago

Acoustic

Chill

Summer Vibes

3 days ago

Upbeat

Dance

voice music creation

Voice Library

All Voices

Favorites

Recently Used

My Voices

Shared

Categories

Professional

Entertainment

Educational

Voice Library

248 voices

Search voices by name, language, or style...

+ Create Voice

All

Male

Female

English

Spanish

French

Sort by

Date Added

Bulk Actions

Sarah Anderson

Premium

Female • English (US) Professional • Warm

Used 12 times

Added 3 days ago

Marcus Johnson

Standard

Male • English (UK) Narrative • Deep

Used 8 times

Added 1 week ago

Elena Martinez

Premium

Female • Spanish (ES) Conversational • Friendly

Used 25 times

Added 2 weeks ago

David Liu

Custom

Male • English (AU) Educational • Clear

Used 45 times

Added 1 month ago

Amélie Dubois

Standard

Female • French (FR) Elegant • Sophisticated

Used 18 times

Added 5 days ago

James Kim

Premium

Male • English (CA) Corporate • Authoritative

Used 32 times

Added 3 weeks ago

Showing 1-6 of 248 voices

Previous

1

2

3

...

42

Next

voice content library

VoiceHub

Dashboard

Overview

Content

Audio Posts

Communities

Analytics

Moderation

Reports

Content Review

Settings

Preferences

Account

Search content, users, or commands...

Welcome back, User!

Here's your daily audio summary

Play Summary (2:34)

Content Stats

Total Posts1,247

This Week+23

Avg Duration3:42

Recent Activity

New post uploaded2 minutes ago

15 new likes5 minutes ago

Quick Actions

New Post

Join Community

Voice Commands

"Record new post"

"Show my stats"

"Play trending"

Community Updates

View All

Sarah Chen

@sarahc 2h ago

Just shared my thoughts on the future of voice social media. What do you think?

Voice Note 4:23

24 0 3

Mike Rodriguez

@mikerod 4h ago

New podcast episode is live! Discussing the impact of AI on creative industries.

Podcast Episode 18:15

67 12 9

Flagged Content

Pending Review3

Resolved Today7

Review Queue

Reports Queue

New Reports

In Progress2

Avg Response2.3h

Platform Health

System StatusHealthy

Active Users12,847

Uptime99.9%

voice community feed

Messages

Search conversations...

Admin Actions

Broadcast Message

System Notice

John Doe

2m

Voice message

Sarah Miller

1h

Thanks for the update!

Team Workspace

3h

Meeting scheduled for tomorrow

Alex Lee

1d

Perfect, let's do it!

John Doe

Online

Hey! How are you doing?

2:30 PM

0:15 / 1:02

2:32 PM

I'm doing great! Just finished the project.

2:35 PM

Switch to voice input

Type a message...

voice messaging

Profile

Sarah Johnson

Senior Product Manager at TechCorp

Passionate about creating user-centered digital experiences with over 8 years of experience in product management and UX design. Leading cross-functional teams to deliver innovative solutions.

Edit Profile

Profile Statistics

156 Projects

89% Success Rate

24 Team Members

4.8 Rating

Recent Activity

Completed project milestone review2 hours ago

Led team standup meeting5 hours ago

Updated product roadmap documentation1 day ago

Admin Statistics

Total Users2,847

Active Sessions1,234

System Uptime99.9%

Storage Used78.2 GB

Key Responsibilities

Product strategy and roadmap planning

Cross-functional team leadership

Stakeholder communication

User research and analysis

Performance metrics monitoring

voice profile view

Profile Settings

Manage your profile information and preferences

Display Name

Your display name

Enter your display name

Bio

Tell us about yourself (300 characters max)

Write a brief description about yourself...

Maximum 300 characters0/300

Interests

Select topics you're interested in

Technology

Music

Sports

Art

Travel

Cooking

Privacy

Public Profile

Make your profile visible to everyone

Show Email

Display email on your profile

Activity Status

Show when you're online

Notifications

Email Notifications

Receive updates via email

Push Notifications

Get instant notifications

Moderation

Content Filter

Filter inappropriate content

Auto Moderation

Automatically moderate posts

Save Changes

voice profile edit

Settings

Profile

Audio & TTS

Notifications

Privacy

Security

Audio & TTS settings saved successfully

Audio & TTS Settings

Configure text-to-speech, audio quality, and privacy controls

Voice & Speech

Privacy Controls

System Admin

Text-to-Speech Configuration

TTS Speed

Adjust speech rate (0.5x to 2.0x)

0.5x2.0x

1.2x Normal Speed

Voice Type

Select preferred voice model

Neural Voice - Sarah (Female)

Preview

Test the selected voice

Audio Quality

Higher quality uses more bandwidth

Standard (22kHz) - Recommended

High (44kHz) - Better quality

Premium (48kHz) - Studio quality

Privacy Controls

Voice Data Storage

Control how voice data is handled

Allow temporary storage for quality improvement

Enable voice analytics for personalization

Data Sharing

Third-party integrations

Share usage data with voice providers

Allow diagnostic data collection

Administrator Controls

System Notifications

Send alerts for TTS service outages

Notify on voice model updates

Weekly usage reports

Security Policies

Require encryption for all voice data

Enable audit logging for TTS access

Restrict voice model downloads

Changes to security policies require administrator approval

Save Changes

Cancel

Reset to Defaults

Export Settings

voice settings

