Plugger -is an aggregator that allows artists to send music i.e., audio and video to radio and tv broadcasters with feedback. It an integration system linking all legit industry players i.e. ZBC, ZIMURA, Zimpapers and other bodies.

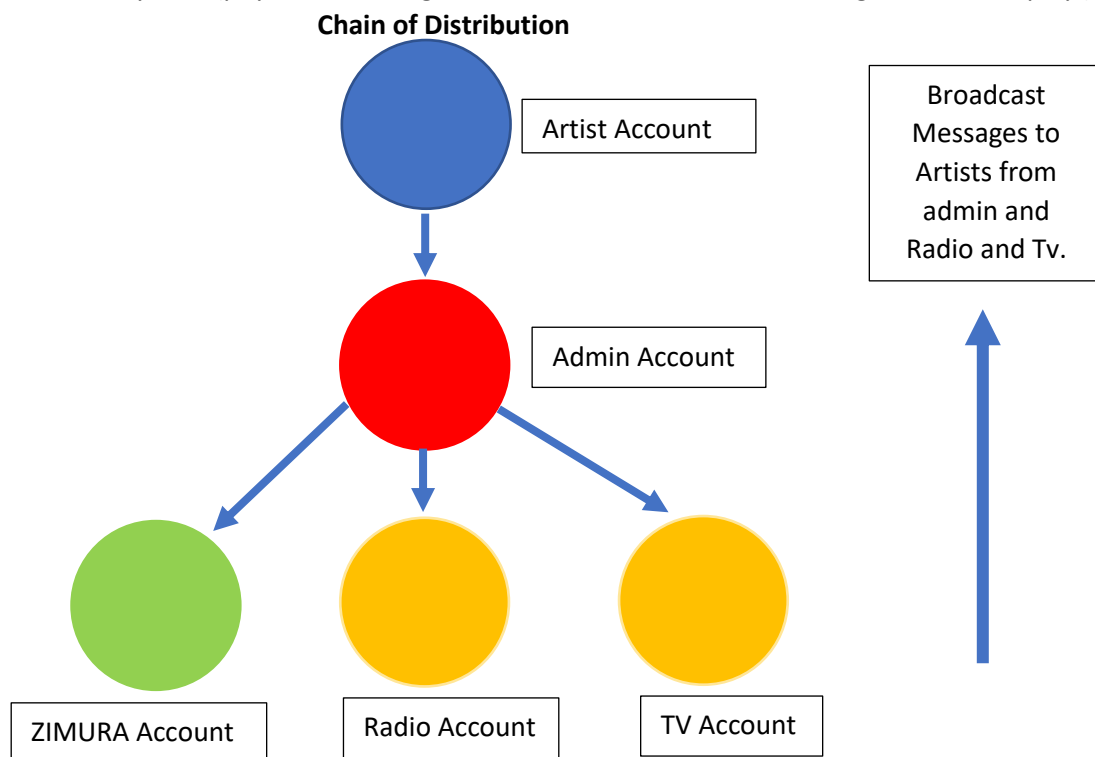**Big Question is**-what will happen to the content already made previous years?

Key Components

- **Distribution system.**
- **Music Player** (Phase 1.5 Linked to website-Artist account, Admin Account and **ZIMURA Account**).
- **Chart System** (Phase 2-linked to website, linked to the player and a new works log software to be developed).

Submit music to radio account or music video to TV account.

Major Function of the System

1. Music distribution.
2. Music Chart System (physical sales, digital sales, music and video streaming and radio airplay.)

Chain of Distribution

Critical Points in the System

1. Informative Homepage (very minimalist and directive)
2. 2 factor Authenticity
3. Payment system.
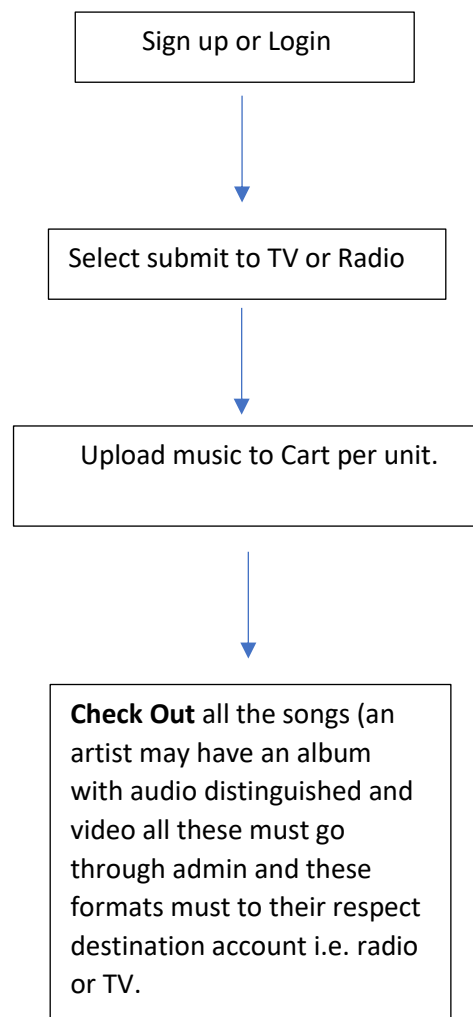4. Security (Zero Hacking of the System).

5. Top-down Communication feature.
6. Transaction History for every unity sent by artist.
7. This site will be linked to a music player in the near future.
8. If the user leaves unfilled section the system must not advance to any further stages.
9. Notification section of the platform where all notification accumulates.
10. The system my create a **CONTENT ID**, we need the system to generate unique Series of Number-PLG(for plugger)-202X(year of release)-XX(Initial of Artist Birth Name)-XXXX(0001-1000)-X(Letter A-Z).e.g. **PLG 2021 S 0001 A. This number will be used by the player, works log system to be used by broadcasters(just this unique number will if punched in somewhere in the system with auto fill info about the song), in the distribution web app. T**

Accounts

1. Admin Account. (sign up or login 2fa)
2. Artist Account.(sign up or login 2fa)
3. Radio Account (sign up or login 2fa)
4. TV Account. (sign up or login 2fa)
5. ZIMURA Account(sign up or login 2fa)

Artist Account. Role

User experience

```
┌─────────────────────────┐
│    Sign up or Login     │
└─────────────────────────┘
             │
             ▼
┌─────────────────────────┐
│ Select submit to TV or Radio │
└─────────────────────────┘
             │
             ▼
┌─────────────────────────┐
│ Upload music to Cart per unit. │
└─────────────────────────┘
             │
             ▼
┌─────────────────────────┐
│ Check Out all the songs (an │
│ artist may have an album │
│ with audio distinguished and │
│ video all these must go │
│ through admin and these │
│ formats must to their respect │
│ destination account i.e. radio │
│ or TV. │
└─────────────────────────┘
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Sign up page

- **Must Contain -** (Profile picture, Name of the artist, Stage name, age, Nationality, sex, cell number, id number, active years, Marital Status, add booking number, social media links and website link, Physical Address and next of kin (name, Phone number, email).
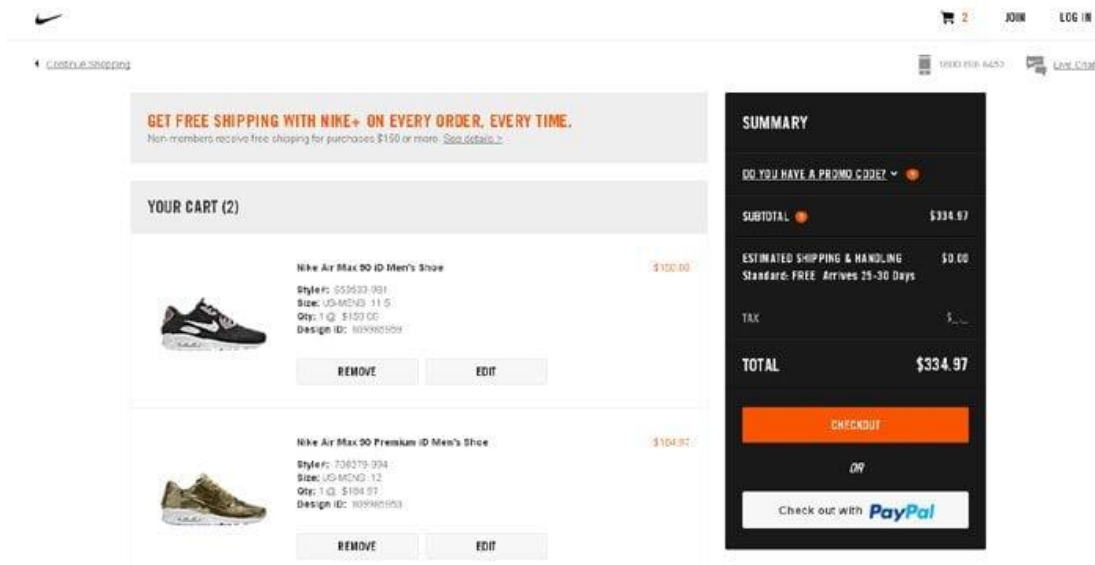
Select TV or Radio

- Artist must choose to distribute either Radio or Tv.

Upload to Cart

- Submit Page / Upload Page must include –
    1. Upload album Art (They need to add an album art for their song and that must be viewable and downloadable at the admin and radio side or admin.)
    2. Song Title
    3. Artist Name (system can detect based on signed up info).
    4. Date of Release
    5. Genre (drop down window with-Dancehall, Gospel, R n B, Hipop, Sungura, Afro Beat, Traditional, Electro, House, Dubstep, Country, Pop Jazz, Rock, Rhumba, Reggae and Other
    6. Song Writers
    7. Copyrights (Artist or Publisher)
    8. Album Title
    9. Track Number
    10. Studio Information (Studio Name and Producer Name)
    11. Province (Manicaland, Matabeleland South, Matabeleland North,Midlands, Masvingo, Mashonaland West, Mashonaland East, Mashonaland Central, Bulawayo, Harare and other.
    12. Language (Shona, Ndebele, English, Chibarwe, Kalanga, Koisan, Kunda, Lozi, Tsonga, Shangani, Sotho, Tjawo, Tonga, Tonga, Tswana, Venda and Xhosa.
    13. Instrumentation(only appears in ZIMURA Account after artist submits).
    14. Duration (only appears in ZIMURA Account after artist submits).
    15. Arranger (only appears in ZIMURA Account after artist submits).
- Upload /submit - We need a progress bar or feature when uploading showing percentage left.
- Must upload music to cart per unit/per song. (Check Out all the songs (an artist may have an album with audio and video all these must go through admin and these formats must to their respect destination account i.e., radio or TV.)
- **ZIMURA,** we need a check or tip section on the uploading or submission page (It is voluntary to register a song with ZIMURA, this will be the information that shows in ZIMURA account.

Cart

A song must contain- Song title, commercial id, Album art, track size mbs, must show as shown below

Just to show ideally how this can look like.

PIN AN ALBUM: we need to have a feature that locks an album in the basket page so that album moves with is songs. And when it appears on the admin or radio side it must show its moving together with colors or shade.

Inbox

1. The artist must see his songs after checkout, they maybe highlighted permitted or pending (permitted when admin permits the song, pending when its yet to be permitted or restricted-this will come with a notification in the inbox telling the artist the reason why it was declining the template reply maybe **1.** contains explicit content **2.** contains promotion information **3.** promotes violence,**4.** plagiarized content-sample or melodies).
2. The audio files must have their section and music videos must have their own sections in chronological order.
3. An inbox for all notifications must show in the in box.

History

1. A section for all paid transactions.
2. History of Uploads.

Settings

- Artist can edit their profiles and all other crucial edits in case they want to update information ie bio.

Dash Board

- We still need to rate the songs as is the system right now but now the rates need to show at the radio side or tv side.

- 4. We need to have graphs telling us about peak times for uploads total uploads for video or audio, total uploads per province, total uploads per language, active accounts, genre, singles and albums.
- We need to view activities of all radios, downloaded, downloaded songs, active accounts.

Artist Registration -Zimura

The Artist must be able to fill in a form to be submitted to ZIMURA account it will appear as

Admin Account Role.

1. Listens, downloads, **permits** or restricts the song with a note (contains explicit content or contains promotion information or promotes violence).
2. We permit two artifacts audio and video and goes to Tv or Radio stations.
3. We need to be able to search artist from our account and view their activities i.e. biography, all paid transactions, all uploaded music audio and video file in their chronological order with dates and time.
4. Oversee this whole system. We need to be able to search artist from our account and view their activities i.e., biography, all paid transactions, all uploaded music audio and video file in their chronological order with dates and time.
5. Permit song need to be highlighted by change of color of the **tab** that contains the song refer to fig 01.
6. All statists to be viewed from this façade of the system.
7. We need to rate the songs as is the system based on 5-star system.
8. We need to have graphs telling us about traffic to the site, peak times for uploads total uploads for video or audio, total uploads per province, total uploads per language, active accounts, genre, singles and albums, downloaded, Undownloaded songs per radio station.
9. Song Commercial number needs to show up on this account. We need the system to generate unique Series of Number-PLG(for plugger)-202X(year of release)-XX(Initial of Artist Birth Name)-XXXX(0001-1000)-X(Letter A-Z).e.g. **PLG 2021 S 0001 A**
10. We need a **SETTING PAGE** here they can tweak information about their profile etc.
11. **Typical Row or Tab to be put in the new system. (Every title is very important)**

Artist	Song Title	Song Writer	Date of Release	Genre	Album Title	Track No.	Studio Info	Province	Language	Commercial number	Producer	Copyright	rates	Download

12.
13. **Typical Row or Tab in the Current system.**

Artist	Video Title	Song Writer	Year of Release	Genre	Album	Track No.	Studio Info	Province
Rodney TK	Tree1	Rodney Shoko	2021	House	Rich	1	Music C	Harare

Radio Account Role

1. Sign up for Radio must involve (Name of Radio, Upload Radio Icon, Tel number, Physical Address).

2. Triggers a notification to the artist after song is downloaded (notification has this information Radio name, radio icon, date and time downloaded, physical address and Tel number).
3. Must be able to view Artists Bio with (Profile picture, Name of the artist, Stage name, age, Nationality, sex, cell number, id number, active years, Marital Status, add booking number, social media links and website link, Physical Address and next of kin (name, Phone number, email).
4. They need to be able to search artist from our .
5. We need stats on the radio dashboard total number of songs uploaded, separate genre stats, stats of songs per province, songs per language, songs pending to come in.
6. We need a **SETTING PAGE** here they can tweak information about their profile etc.
7. We need to allow Radio accounts to **BROADCAST MESSAGE/S** to artists accounts, we would need
to see the message on the admin account as well.
8. We need to have minimalist icons on these rows so that we don't waste space.
9. We need to highlight an album and also highlight downloaded songs so that they don't get downloadable 2 or 3 times.
10. We need a progress bar when downloading showing percentage left.

Song Presentation Tab (as filled on upload to cart)

Artist	Song Title	Song Writer	Date of Release	Genre	Album Title	Track No.	Studio Info	Province	Language	Commercial number	Producer	Copyright	rates	Download

Typical Row or Tab in the Current system.

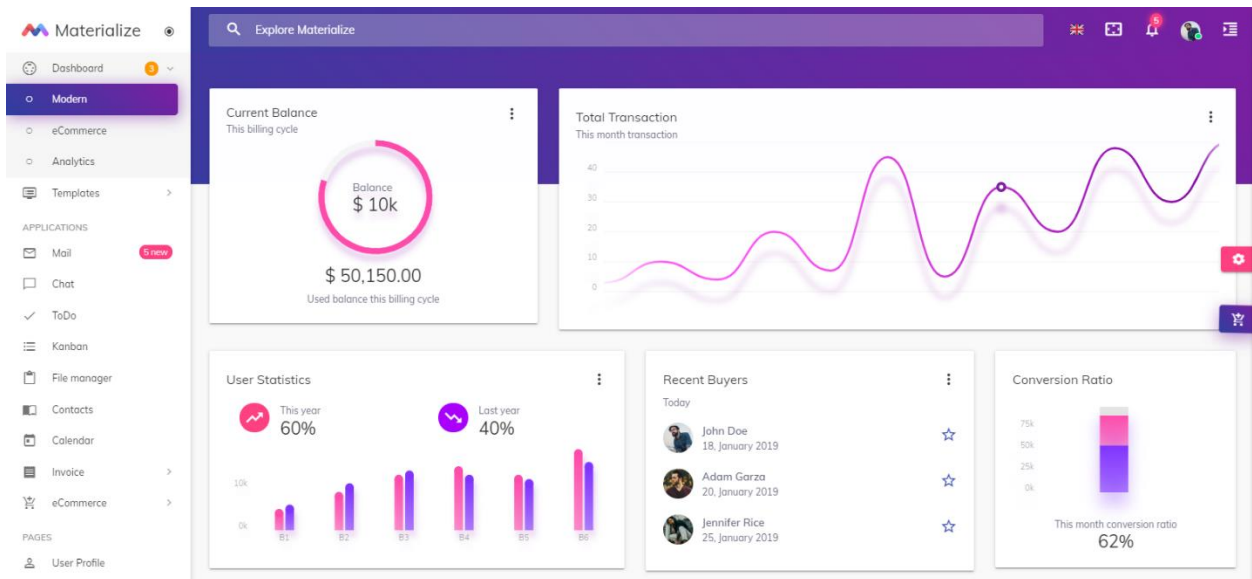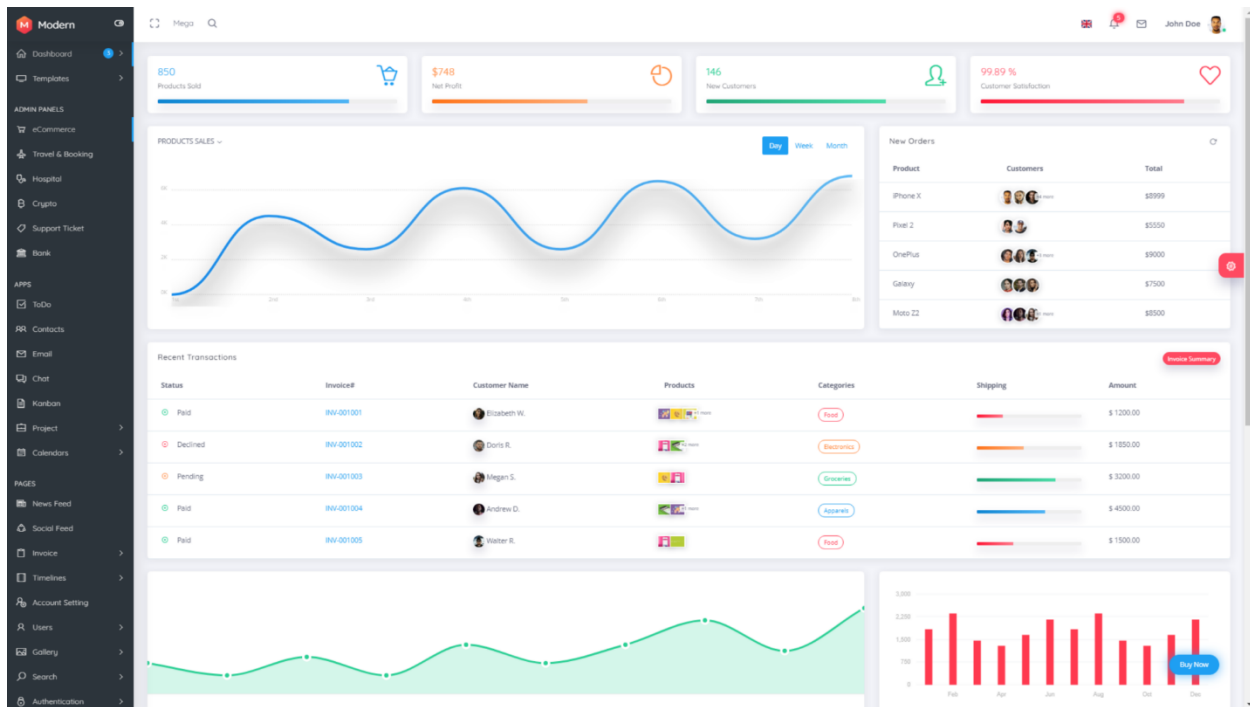| Artist	Video Title	Song Writer	Year of Release	Genre	Album	Track No.	Studio Info	Province
● Rodney TK	Tree1	Rodney Shoko	2021	House	Rich	1	Music C	Harare

TV Account Role

1. Sign up for Radio must involve (Name of Radio, Upload Radio Icon, Tel number, Physical Address).
2. Triggers a notification to the artist after song is recorded (notification has this information Radio name, radio icon, date and time downloaded, physical address and Tel number).
3. Must be able to view Artists **Bio** with (Profile picture, Name of the artist, Stage name, age, Nationality, sex, cell number, id number, active years, Marital Status, add booking number, social media links and website link, Physical Address and next of kin (name, Phone number, email).
4. We need stats on the radio dashboard total number of songs uploaded, separate genre stats, stats of songs per province, songs per language, songs pending to come in.
5. We need a **SETTING PAGE** here they can tweak information about their profile etc.
6. We need to allow Radio accounts to BROADCAST MESSAGES to artists accounts, we would need to see the message on the admin account as well.
7. We need to have minimalist icons on these rows so that we don't waste space.
8. We need to highlight an album and also highlight downloaded sons so that they don't get downloadable 2 or 3 times.

ZIMURA Account

1. New members (Receives information from Artist account-we need a section where artist voluntarily register themselves).
2. Members (existing) Section (can search on this panel).
3. Receives Registered Content without download feature and ratings.
4. They can view same tabs seen on radio accounts and they can view artist biography just like radio and TV accounts.
5. They should be able to highlight songs they have dealt with.
6. We need a **SETTING PAGE** here they can tweak information about their profile etc.
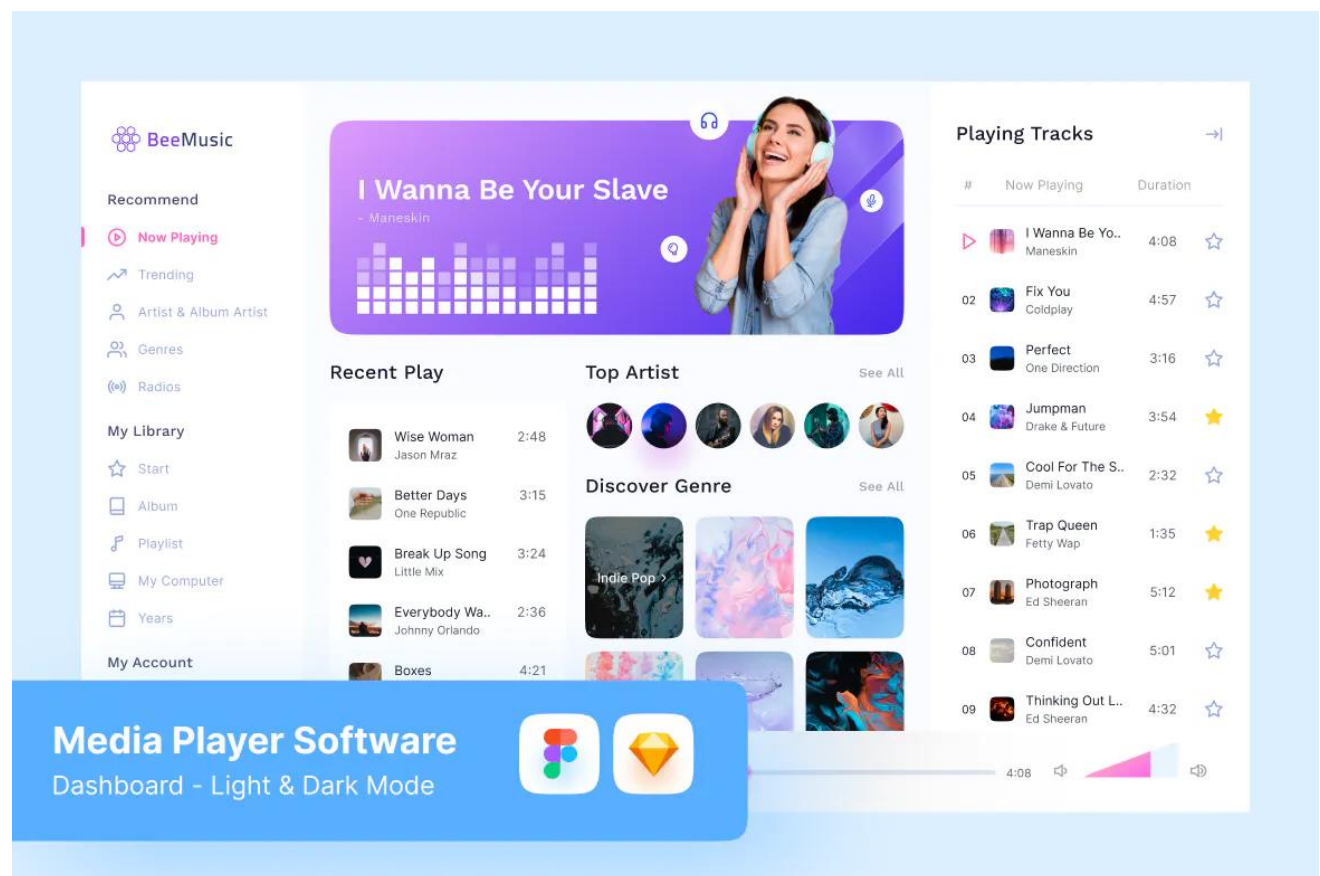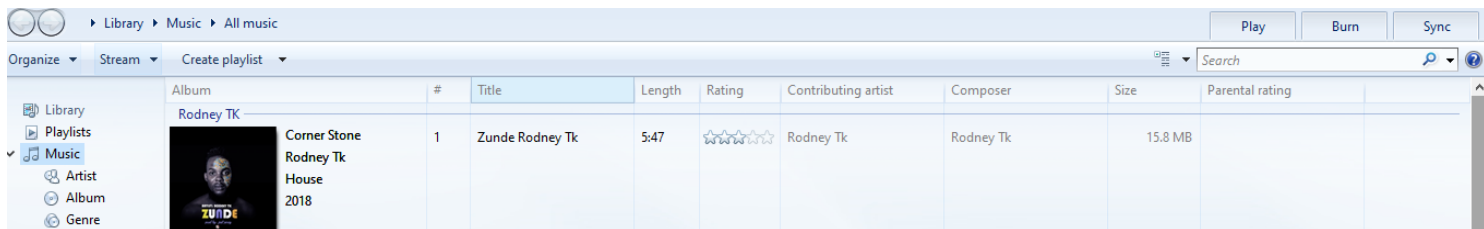
Inspiration Interface

Music Player

This is an extension of the platform that gets all the uploaded music. It's like iTunes but for shops or bigger arenas.

Notes

- Music gets into this secure player via 2 ways either its coming from pluggers or us as admit we add it in the system
- The music uploaded on plugger must be playable and downloadable internally on this platform.
- No music from other sources must be uploaded on the system except through plugger.
- All song streams/stats (linked to the content id) must be accumulated to be presented to ZIMURA Account, Plugger Account and Artists account.
- No music will leave the system what is downloaded inside stays inside.
- The player must be connected to other hardware of the computers or gadget i.e., mic and speakers without additional drivers.
- Plays on Windows, mac and Linux.
- We need Radio channel where same music is playing that shops can select and it goes on and on, plugger creates the playlist.
- Auto-play that allow the players to play music based on the genre.
- We need a sidechain feature on the application that duck's music when the mic input is on.
- A section for Advert audios (they should be listed in a panel) timeable to play at a certain time (repeat every 10mins, 20mins, 30mins, 40mins, 50mins, 1 hour, 2 hours).
- Section for PR Messages audio timeable to play at a certain time(repeat every 10mins, 20mins, 30mins, 40mins, 50mins, 1 hour, 2 hours).
- The player must allow clients to pay subscriptions.

Critical things on the System

1. Accumulate stats of plays done by all player instances-sends to admin account, artist account and ZIMURA.
2. Security.
3. Creates Reports for all streams or stats from different instances per day, week, month and year(.

Inspiration Chart System

Top 100 Songs Chart | Top Charts (top-charts.com)

50

Run (Taylor's Version) (From The Vault...
Taylor Swift

STATS	SHARE	GO TO

Last week	Peak Position	Weeks on chart	
74	50	2	Listen on Apple Music

Release Date: None