1. Content Management System

* Manage Contents.
* Editing/Conversions.
* Legal Information.
* QC
* Calendar of Events.
* Deployments.

1. Content Delivery System.

* Application Programming Interface (APIs).
* Search APIs.
* Physical Storage.
* Streaming Server.
* Single Sign on DB.
* Analytics System ( Logging )

# Content Management System:

* **Contents:**
* **Albums.**
* **Songs.**
* **Videos.**
* **Images**
* **Text Contents.**
* **Masters:**
* **Artist.**
* **Banner.**
* **Catalogue.**
* **Playlist.**
* **Language.**
* **Label.**
* **Region.**
* **Tags.**

## Work Flow:

## Album:

* Album Type: Film/Non-Film, Original/Compile, Digital/Non-digital.
* Mandatory Fields: Album Name, Catalogue, Language, CouplingIds, Music Release Date, Description, Excerpt, Grade, Film Rating.
* Artists (Primary Artist, Star cast, Director, Producer, Writer) are tagged with Album.
* Album Rights( legal ) Information.

## Song:

* Mandatory Fields: Song Name, isrc, Song Duration, Audio File, Artists (Singer), Version, Genre, Mood, Region.
* File Upload: Browse on local m/c , Browse on Server.

## Video:

* Mandatory Fields: Video Name, Video Duration, Singer, Verson, Genre, Mood, Region.
* File Upload: Browse on local m/c , Browse on Server.
* Video can tag to album/Song.

## Image:

* Image can be Static Image , Animation.
* Tagged with Artist, Albums and Songs.
* File Upload: Browse on local m/c.

# Text:

* Text Type : sms text, general text.
* Can upload Text Screenshot.
* Tagged with Artist, Albums.

## Artist:

* Mandatory Fields: Artist Name, Artist Role
* Artist Roles ( Starcast, Music Director, Lyricist, Singer, Director, Producer, Writer, Mimicked Star, Poet)
* One Artist can have multiple Roles.

## Playlist:

* User can add contents ( Song, Video, Image ) to their existing playlist or create new playlist.
* Can manage contents orders by simply drag contents up and down from playlist edit tab.

**Catalogue:**

* Mandatory Fields: Title, Agreement Id, Sign In date, Agreement start date, Agreement end date, C-Line, P-Line, Territory, Mechanical Rights, Music Video Rights, Exclusive/non-exclusive, Platforms.
* Option to upload Agreement soft copy.
* All album will be tagged to catalogue and all legal information will be applicable to all albums until someone change legal information of any album.

**Tags:**

* Contains master data for Mood, Genre, Raag, Taal, Radio Station etc.

# Editing and Conversions:

* Video/Song/Image: Editing will be done manually
* Video/Song/Image :
  + Predefined master config for Audio and Video.
  + User can upload edits related to each config.
  + System will create different file formats for Akamai streaming.

# Legal Information:

* Contents ( Songs, Videos, Images, Text, Album ) will be follow work flow and Legal Approval part is mandatory for this.
* Catalogue Legal information will be applicable for all contents under that particular catalogue.

# QC (Publishing Right):

* After verifying all details this user can publish/unpublish Records.

# Calendar of Events:

* Event Type: Birth Anniversary, Death Anniversary, Festivals, Events.
* Mandatory Fields: Event Name, Event Type, Start Date.
* Event can tagged with artist.
* Playlist can be tagged with event.

# Deployments:

* Total approx. 40 different platforms we are deploying our contents.
* Deployment Methods:
* APIs Based ( eg: YouTube )
  + We may deploy all published contents( Videos, Songs ) automatically or we can provide interface to deploy selected contents.
* FTP Deployment:
  + Current process:
  + Interface to select Contents and deployment platform.
  + System will create zip file containing binary and meta data.
  + Do FTP this to client location.
  + Send e-mail confirmations.
* Manual Deployment:
  + Interface to select Contents
  + System will create zip file containing binary and meta data.
  + User can upload this zip file to client interface.

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