

## **The concept of the top level of the functional content of the system Muzoperator Media Player.**

The player will be used to play audio in different rooms. You need to create a main administrator panel in which administrators can be assigned to individual rooms or group rooms.

The player must be able to run audio files from remote sources.

1. Functions of the module - the main system administrator
  - Must have access to all offices of rights holders and users.
  - Must be able to assign system administrators
  - Must be able to access all system functionality.
  
2. Functions of the Cabinet Rightholder module
  - Registration (Authentication)
  - Uploading phonograms.
  - Loading covers
  - Metadata Accounting
    - Phonogram name
    - Phonogram data
    - Copyright information
      - Data of the author of the notes
      - Text author data
      - Arranger data
      - Data mastering engineer
      - And so on..
    - Data of the owner of property rights
      - Artist data
      - Producer data
      - Label data
      - And so on..

After a soundtrack is downloaded by the user or the system administrator, the soundtrack should be published on the system's Internet resource automatically.

- Receive reports on the number of plays of phonograms, loaded to system

### 3. Functions of the User Cabinet module

Users are companies that own various premises in which music is played for commercial purposes (for example, bars, shops, fitness clubs)

- Registration of room administrators
- Registration of premises that belong to the user
  - Grouping of premises by features (Territorial affiliation, legal entity, type of activity, address)
    - Registration of room parameters
      - Dimensions
      - Occupation
      - Loading floor plans
- Management of access rights of room administrators
  - The ability to control the player module remotely for certain rooms
  - Ability to manage playlists for certain rooms
- Run the player module

#### 4. Functions of the Player Module

- Functions for managing compositions and playlists
  - Search for songs
    - By genre
    - By name
    - By rating
    - By mood
    - bpm speed
- Selection of ready-made playlists
  - By genre
  - By mood
  - By type (For fitness, for walking in the park)
  - bpm speed
- Forming your own playlists
- Volume control features
  - Remote control of playback volume in different rooms
  - Setting up different volume levels for different rooms (even if rooms are in the same building)
  - Display the volume level in dB, numerical value
  - Setting the maximum allowable volume level
- Standard playback features
  - Play, stop, pause, next track, previous track