

Choreography Helper Project Definition

Project Description

This application will help Les Mills™ group fitness instructors manage their digital choreography notes (Adobe™ PDF files). The main piece of functionality provided will be the ability to combine tracks (PDF pages) from multiple releases (PDF files) into one playlist (new PDF file).

User Types

SuperUser

CRUD for all system data including user data and media data.

AdminUser

CRUD for all media data.

User (Instructor)

CRUD for personal logon and personal media data.

Feature List as User Stories

As a **User** I should be able to:

Logon Tasks

- Register (create new user)
- Edit my user data
- Unregister (delete my user data)

Media Tasks

- View release (PDF)
- View track (PDF page)
- Search for release
- Search for track
- Create playlist (PDF)
- Edit playlist
- Save existing playlist as new playlist
- Delete playlist
- View list of playlists

As an **AdminUser** I should be able to:

- Perform all **User** media tasks
- Create, View, Update & Delete Release object
- Create, View, Update & Delete Presenter object

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- Create, View, Update & Delete Track object

As an **SuperUser** I should be able to:

- Perform all **AdminUser** and **User** (both media and logon) tasks
- Create, View, Update & Delete User object

Object List

User Object:

- Type (SuperUser, AdminUser, User)
- UserName
- Password
- FirstName
- LastName
- Email address
- Phone
- Facebook ID
- Instagram ID
- Snapchat ID
- Address

Release Object:

- Program type (BODYPUMP®)
- Release number
- Release date (quarter and year, i.e. Q2 2015)
- Sizzler
- Presenter(s) (one-to-many)
- Tracks (one-to-many, 10 tracks)
- Number of bonus tracks
- Bonus tracks info (one-to-many)
- Education (one-to-many)

Presenter Object:

- Name
- Title
- Description
- Location
- Web Page

Track Object:

- Track type

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- Song title
- Artist
- Length
- Exercise(s) (one-to-many)
- Lyrics
- Search tags(one-to-many)

Playlist Object:

- Format type (i.e. 60min, 30min)
- Tracks (one-to-many)
- Name
- Date Created

Project URL Routes

User Route:

- GET /user
View a list of user
- GET /user/:id
View a user by id
- POST /user
Create a user
- PUT /user/:id
Edit a user by id
- DELETE /user/:id
Delete a user by id

Release Route:

- GET /release
- GET /release/:id
- POST /release
- PUT /release/:id
- DELETE /release/:id

Presenter Route:

- GET /presenter
- GET /presenter/:id

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- POST /presenter
- PUT /presenter/:id
- DELETE /presenter/:id

Track Route:

- GET /track
- GET /track/:id
- POST /track
- PUT /track/:id
- DELETE /track/:id

Playlist Route:

- GET /playlist
- GET /playlist/:id
- POST /playlist
- PUT /playlist/:id
- DELETE /playlist/:id