## 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
* 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
* 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
* 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