

- Introduction

Although many parts of the code are commented, this documentation is intended to provide a simple walkthrough through my Project.

Before starting, a database with the name 'multimedia\_library' must be created in PHPMyAdmin. After that, the Web Application will create all the necessary tables itself. An explanation of the database schema used can be seen in the line comments of 'index.php'.

A sample database with some content was attached in the .zip file. It can be imported to PHPMyAdmin:

- Drop any previous database and create it again:  
`DROP DATABASE multimedia_library;`  
`CREATE DATABASE multimedia_library;`
- Go to 'Import' tab in PHPMyAdmin and Import the provided. SQL file.


The username provided in the database is '**ferferga**' and the password is '**test**'

The recommended browser is Mozilla Firefox, as Google Chrome seems to have some problems while loading multiple images encoded in base64 at once.


- Basic Navigation

There is some basic navigation helpers:


- Header: In the left side, the header **will always have a link to the homepage**, while in the right side we will always find the appropriate actions for the page we're in. Also, it has permanent links to the 'Control Panel' (where we can modify our account's properties), or to the login page (in case we're not logged in).  
→ Header without a logged in page




→ Logged in header without an user profile photo



→ Logged-in header with an user profile photo



→ Header with actions



- Basic concepts

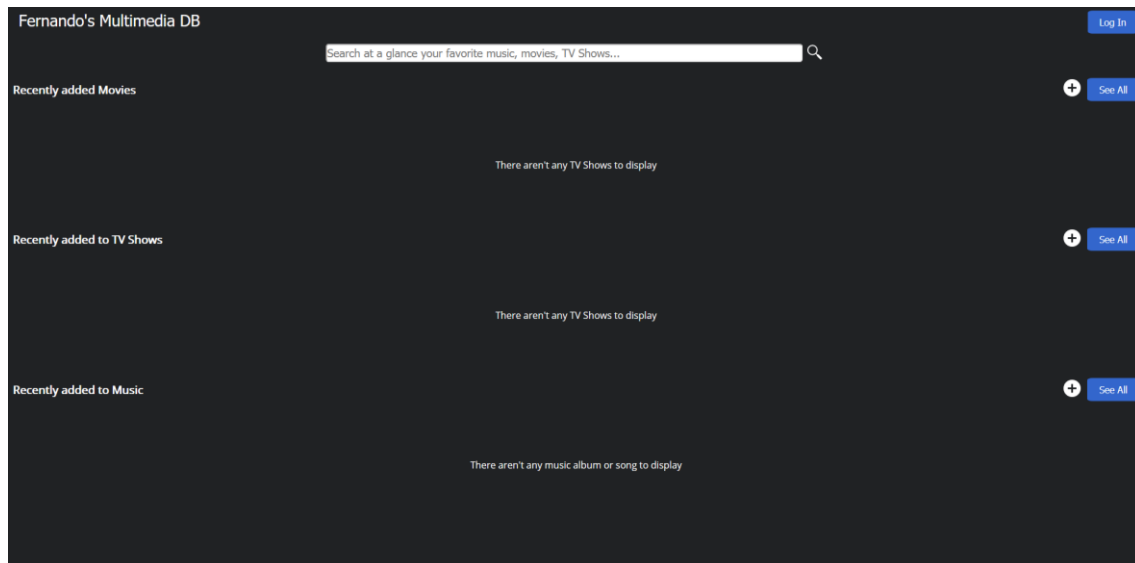
For a greater flexibility and a beautiful presentation inside the web application, there is some terminology that it's necessary to be known beforehand:

- 'Parent item' or 'Child item': For adding a more realistic structure to some kind of media items that normally requires it (like TV Shows), this web application uses 'parent' and 'child' items.  
An Example: Normally a TV Show contains one or more seasons. The seasons normally have one or more episodes. The episodes are the 'child' items of a TV Season (parent item) and the TV Show is the 'parent item' of the TV Seasons (child items)
- Ticket system: For providing the ability to have multiple sessions logged in and some 'security' (although this application is really really far from being secure), I use what I call 'the ticket system': Every time an user is logged in, a random number is generated and saved in a cookie and in the database. If the ticket provided by the user's cookie matches any of the tickets in the database, the authentication is successful.
- Roles: For a more flexible system, People can be assigned to any desired 'role'. There are no fixed fields like 'Director', 'Producer' or so on. Just add a person and his poster & biography and assign a role for that item.
- Homepage

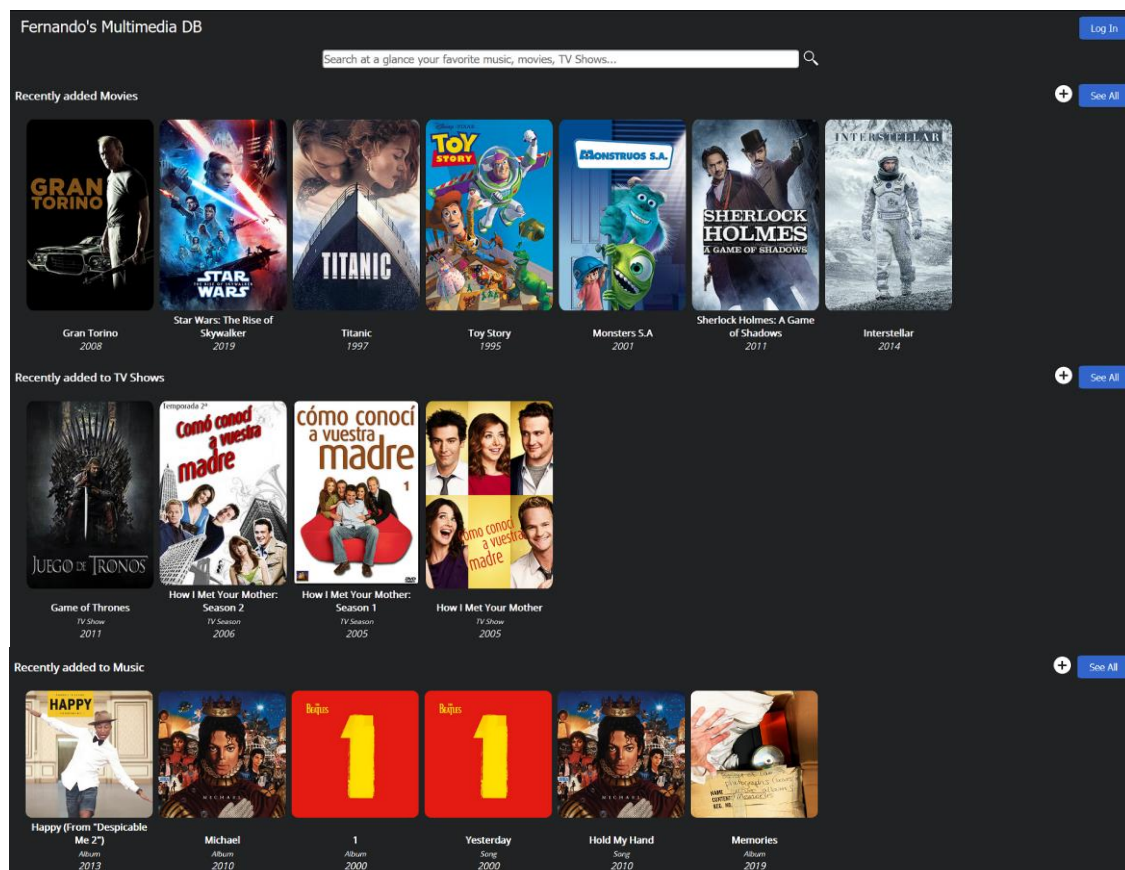
This is the starting point of the web application. Items displayed here are ordered from more recent to older. Maximum 7 items are displayed, for seeing more, press on "See All" in the relevant section.

At the top, we can find all the movies. In the middle, we can find all the recently added TV Show items, like TV Shows, TV Seasons and TV Episodes. At the bottom, we can find all the recently added Music items, like Songs and Albums

➔ Empty homepage



## → Filled homepage



- Sign up and Login

When clicking Log In, we are moved to the login page. Here, you can register as many users as you wish, as well as log-in into an account. All of the items requested are mandatory for signing up, and the user will no have other choice than filling all of them up to continue.

The social media features are just decorative items (as they go outside of the scope of this project).

## → Overview of the page

## ➔ Required fields

- Adding Content

You can add content to the web by pressing the “+” button in the section of the content you want to add. For example, if you want to add a movie, you must press in the “+” icon of the “Movies” section.

TV Shows have three types of content. They depend on each other in reverse order: TV Shows, TV Seasons and TV Episodes.

Music has two types of content: Albums and Songs

## ➔ Adding a movie

## ➔ Adding a TV Show, TV Show Season or TV Show Episode

Adding a TV Show, TV Show season or TV Show episode:

Poster picture:

Examinar...

Primary.jpg

Title:

How I Met Your Mother: Season 1

What are you adding?:

Season

TV Show

Season

Episode

Where it was aired:

CBS

Release Date:

19 / 09 / 2005

Recorded on:

New York

Description:

un soltero empedernido que conoce una buena cantidad de salvajes técnicas para ligar mujeres de bar en bar. Ted se fija en la encantadora e independiente Robin (Cobie Smulders), pero el destino le depara otras sorpresas. Contando a través de una serie de retrospectivas, Ted recuerda sus días de soltería, lo bueno y lo malo de las citas y la búsqueda del verdadero amor.

Submit

➔ Parent management

Fernando's Multimedia DB

Search...

As you're editing a TV Show Season, only TV Shows are shown. Choose the TV Show where the season belongs to. If what you're looking for doesn't appear here, go back and add it first and edit this content later.

Available TV Shows:

How I Met Your Mother

2005

➔ Adding a music album

Fernando's Multimedia DB

### Adding a album or song:

Poster picture:  
 No se ha seleccionado ningún archivo.

Title:

What are you adding?:

Release Date:

Recorded on:

Description:

- People management

After adding and setting the parent element, we will be asked to set the people that take part in the ítem (cast, directors, artists...)

If the element created is a 'child' element, the roles of the 'parent' element will be inherited by default.

➔ Empty people dataset

Fernando's Multimedia DB

Search by people's names...

Available People

There are no results to show

Currently editing item: Pirates of the Caribbean: Dead Men Tell No Tales

➔ People overview (with one person without picture)

Fernando's Multimedia DB

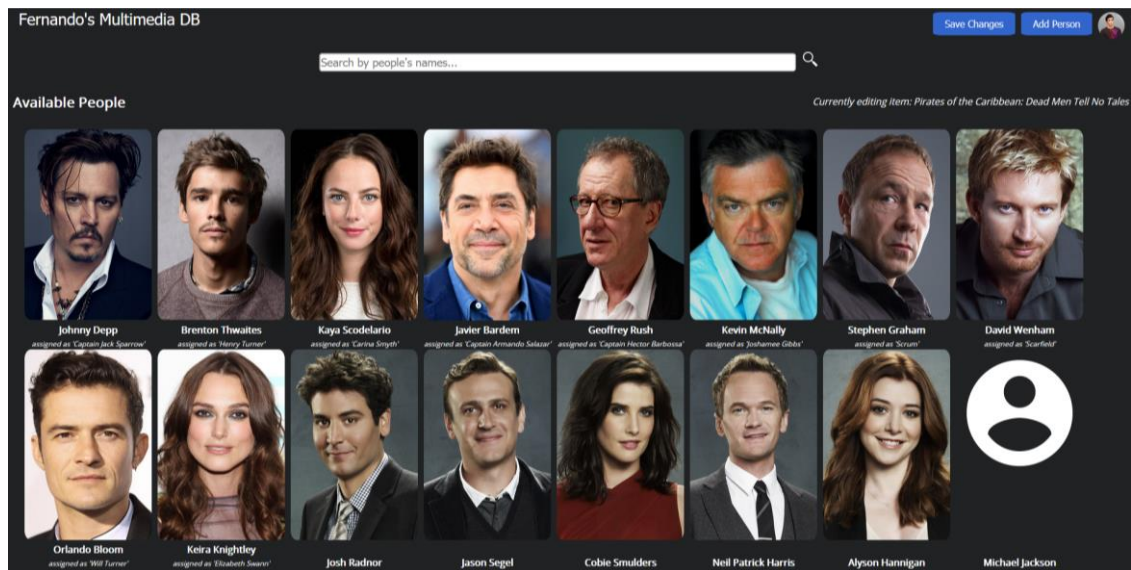
Search by people's names...

Available People

Currently editing item: Pirates of the Caribbean: Dead Men Tell No Tales

Alyson Hannigan	Brenton Thwaites	Cobie Smulders	David Wenham	Geoffrey Rush	Jason Segel	Javier Bardem	Johnny Depp
Josh Radnor	Kaya Scodelario	Keira Knightley	Kevin McNally	Michael Jackson	Neil Patrick Harris	Orlando Bloom	Stephen Graham

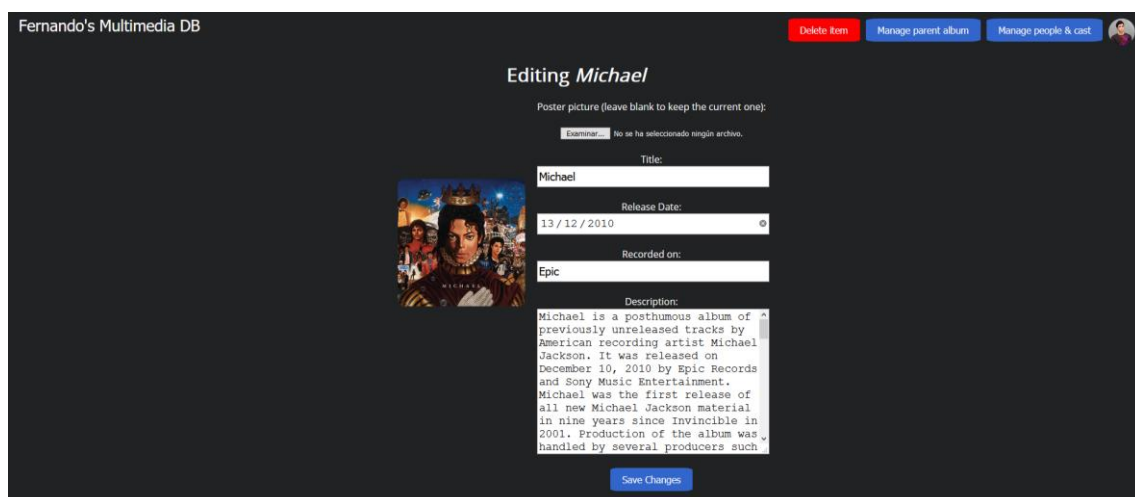
➔ People with assigned roles



- Editing an item

An item can be deleted or edited at any given time. Also the cast and the parent items. It's not possible, however, to change the media type of it.

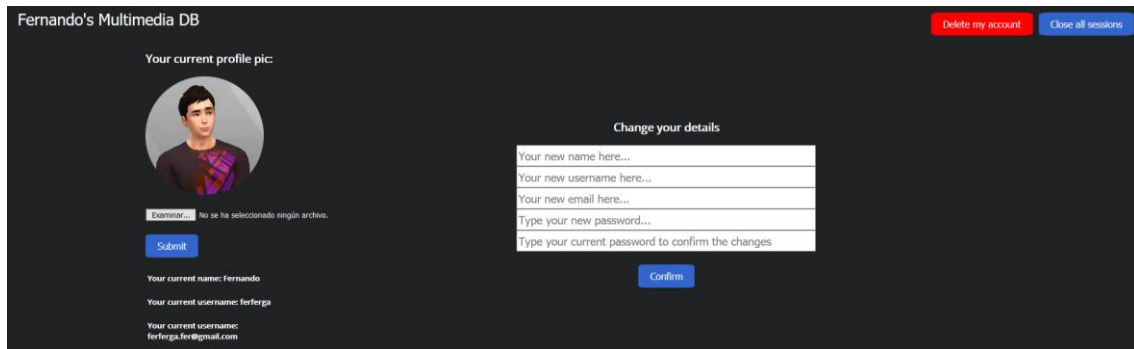
➔ Editing an item



- User management

You can delete your user account or change its settings at any time in the control panel, which can be accessed by pressing in the user's profile photo, as explained in the *Basic Navigation* section:

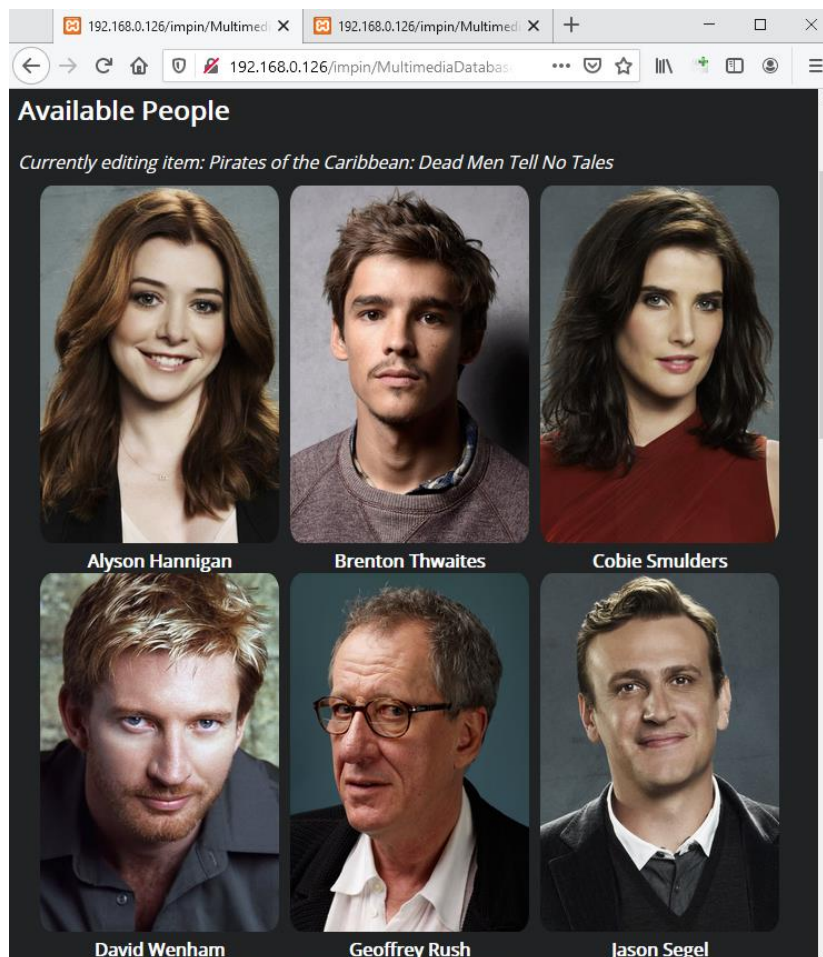




- Design principles

All the pages and sections of the web application are fully responsive and should appear correctly in most screens:

→ People Screen



→ Homepage




Pirates of the Caribbean:  
Dead Men Tell No Tales  
2017


Recently added TV Shows

See All

cómo conocí  
a vuestra  
madre  
1



How I Met Your Mother:  
Season 1  
TV Season  
2005



How I Met Your Mother  
TV Season  
2005