LAB 3 – PYTHON SOFTWARE

EXERCISE – WEB-BASED MP3 PLAYER

Write a web application, based on the flask framework[1], to implement a web-based version of the mp3 player with equivalent functional requirements of the previous laboratory (exercise 1 and 2). You can reuse the code realized for the previous lab, or start from the solution available at https://github.com/AmI-2015/python-lab2.

The web application should display, in its main page (see Figure 1), a list of all the tracks present in a specified folder (in the format "*ID – title*" of the track).

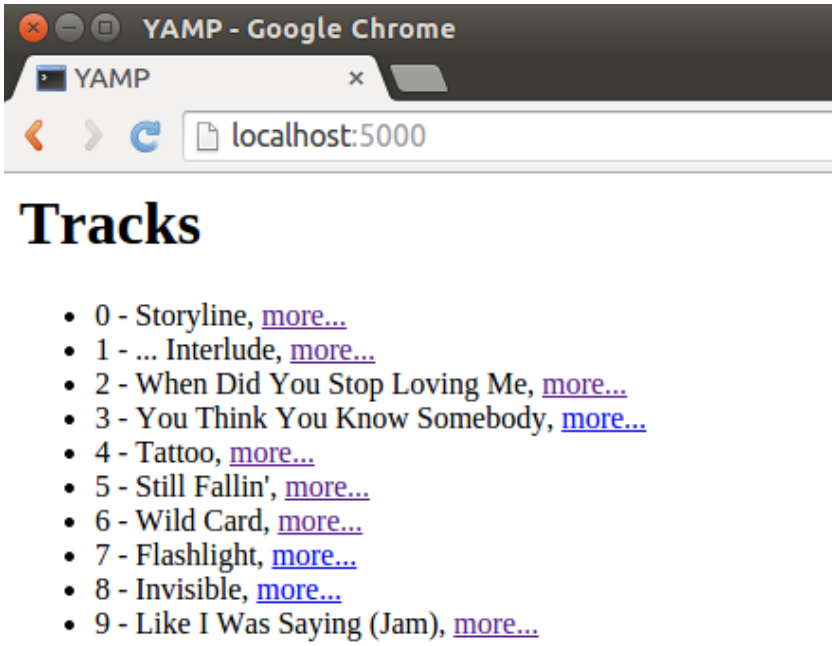

Figure 1 - Index

By clicking on the "*more…*" link of each track, a new page (published at the relative URL *tracks/<track_id>*, see Figure 2), will present all the details (i.e., the indexed information) of the selected track and two buttons: "play" and "stop", to start and stop the execution of the chosen track, respectively. The two buttons can be realized as two forms.

[1] the examples shown in class are published on GitHub: https://github.com/AmI-2015/Flask-ex1

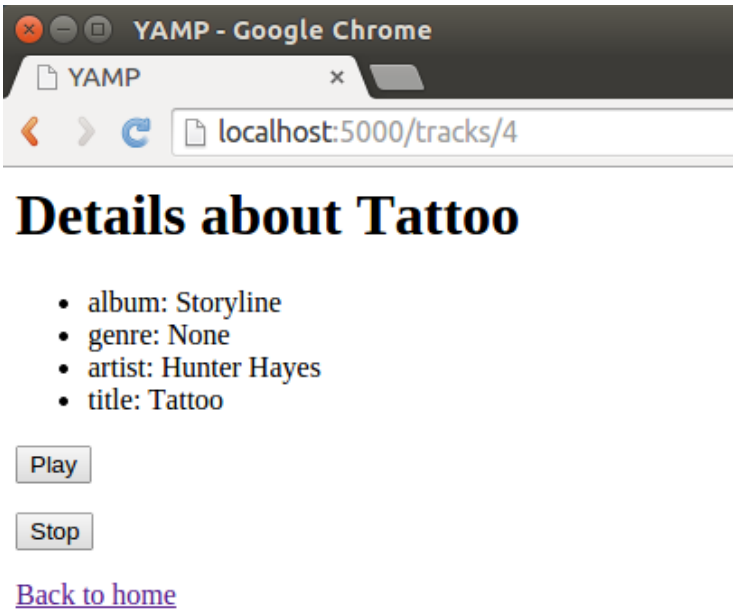

Figure 2 - Track details