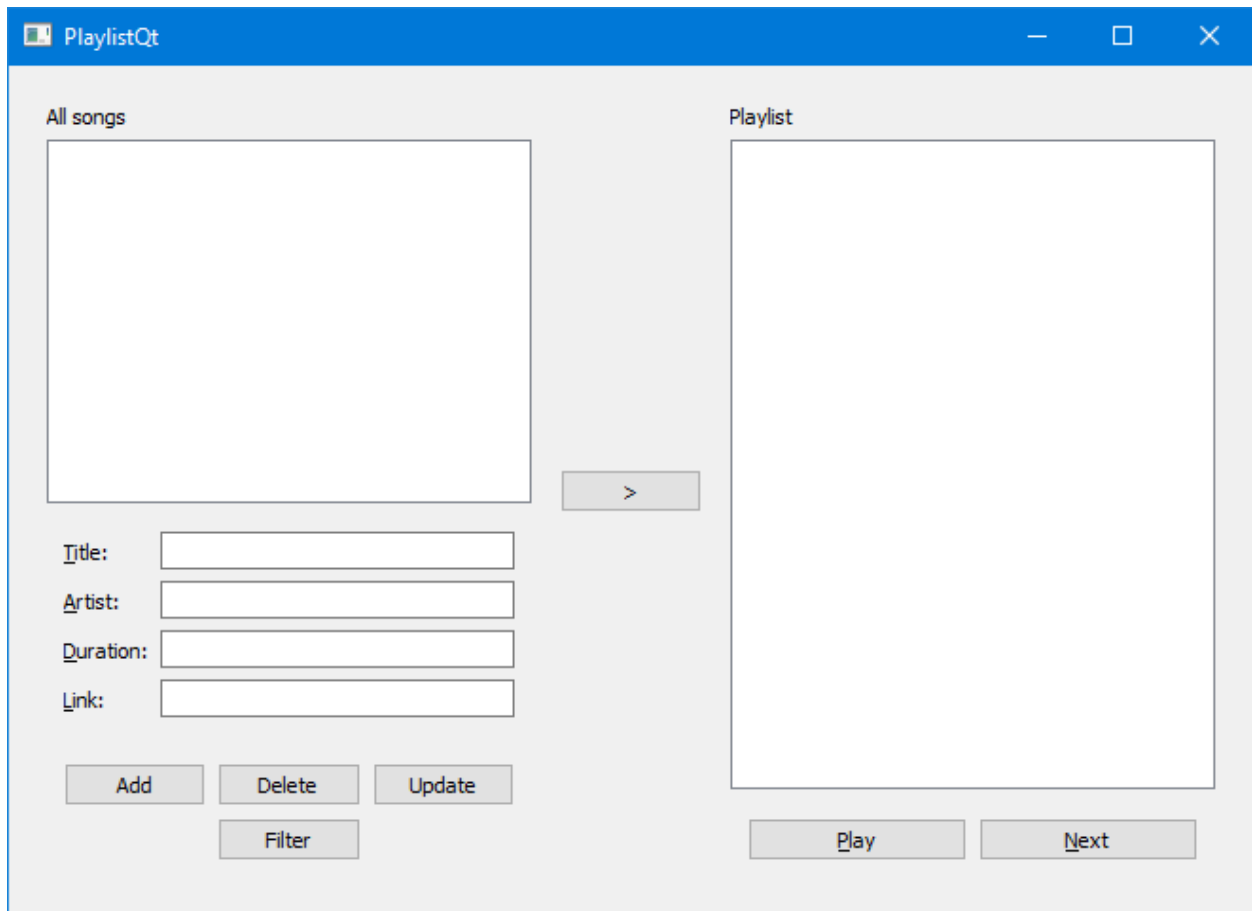


## LABORATORY 11-12

Create a graphical user interface (GUI) for your problem using Qt.

All the required functionalities should be available using the GUI.

Below you have a sample GUI for the problem we have been using during the seminar (songs and playlists):



### **Extra requirements (for bonus: 0.2)**

Create a graphic representation of the data in your application. You have an example below: a bar chart representing the number of songs for each artist. Your representations can be a bar chart, a pie chart or another type of chart. You can even use circles or rectangles or any other geometric shapes to "draw" your data.

**Hint:** You can use QPainter (<http://doc.qt.io/qt-5.6/qpainter.html>), QGraphicsScene (<http://doc.qt.io/qt-5/graphicsview.html>) or a special widget designed for plotting and data visualisation – QCustomPlot(<http://www.qcustomplot.com/>).

