Big HW
Kazankov Arseniy
8 of June 2021
Group 201
Instructor - Georgii Zhulikov

1 Problem Statement

Create a QT application with the **movies** dataset, which loads it into a table view and allows user to add/remove a certain amount of books.

2 Individual project specification
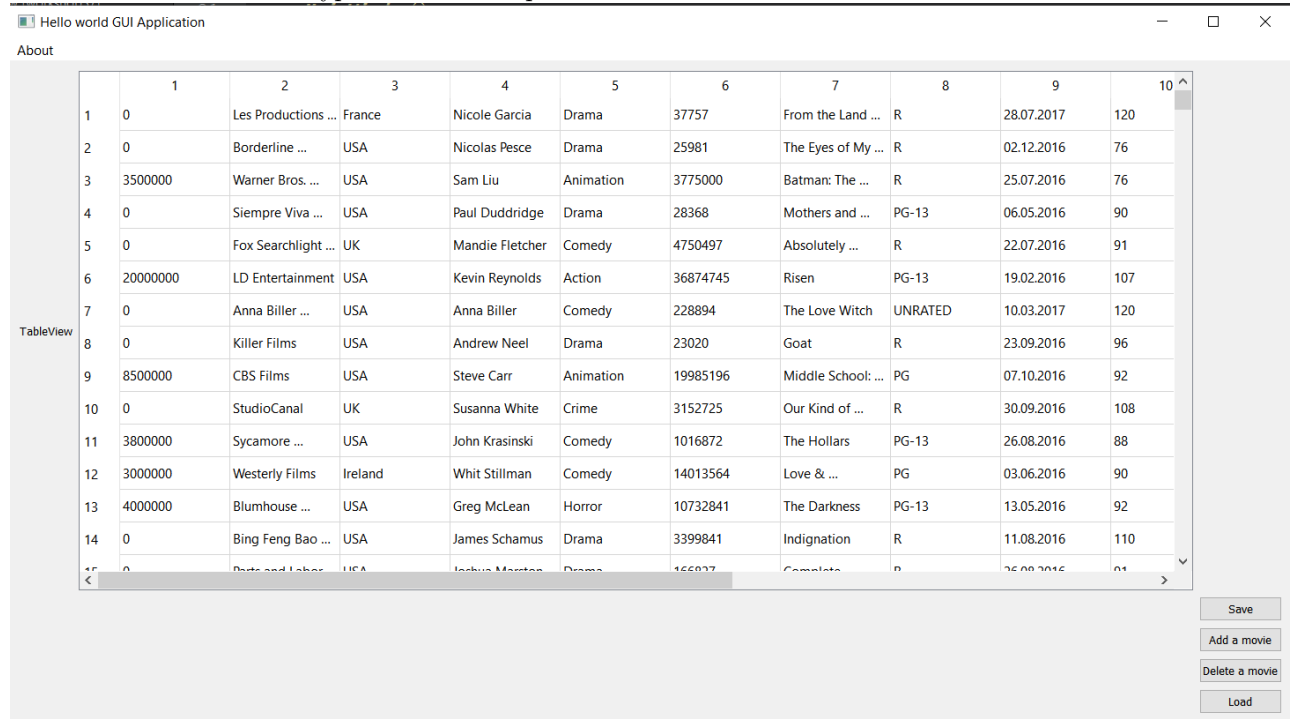
It is located here.

3 Implementation details

3.1 Repository

It can be cloned from here.

3.2 Implementation

I usead **TableView** data type in order to represent the *csv* file.

Data can be scrolled and edit, with some cell protection, such as, specific data types for each column. User would not be able to put a string in budget column. The buttons Load, Save, Add, Delete are implemented in such way that they do not cause a crash.

Load Opens another window , such as explorer/finder, and allows user to natively find the desired file.

Save Opens another window, such as explorer/finder, and allows user to natively choose the desired location of the new file.

Delete Deletes the first row if table is valid and no rows were selected. In other cases deletes the selected rows No crash was detected.

Add Adds the new empty row at the beginning of the table if no row -/s were selected. In other cases add selected amount of rows at the selected index(native, no need to input the index)

4 Results and discussion

The desired result was fulfilled, except for filtering , sorting the data and the list of favourite films. The app itself is stable and does not crush.

5 Conclusion

The improvements could include data scrapping from websites like kinopoisk , imdb, which fould get the required information and add it to the table.