Disneyland review app

App displays 42,000 reviews of 3 Disneyland branches - Paris, California and Hong Kong, posted by visitors on Trip Advisor.

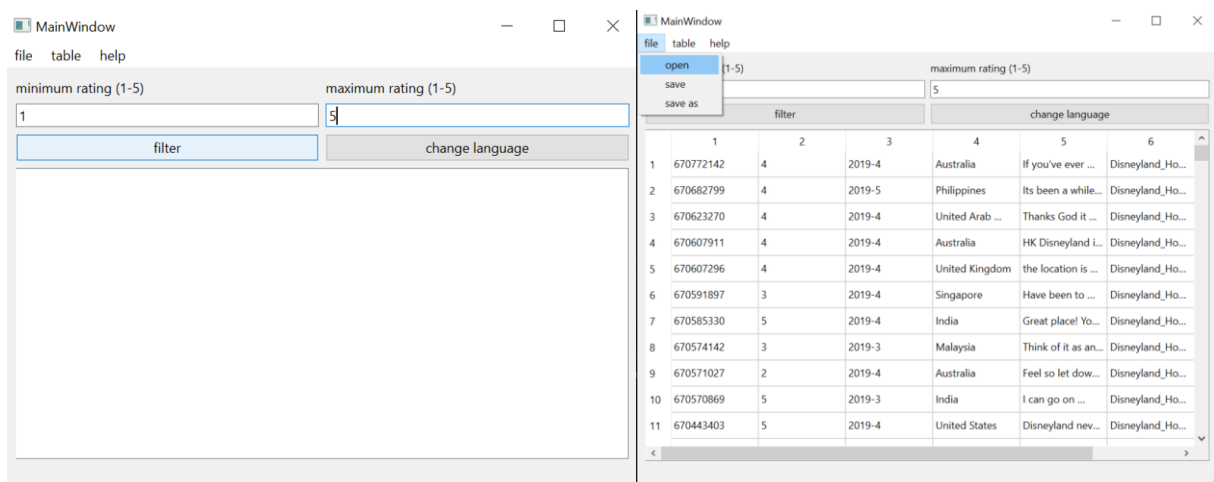Made by Lisakova Daria

DSBA 224-2

10.06.23

The original data file was poorly compiled. There was no clear separator between the reviewer location and reviewer text columns, and the file consists of 40,000+ lines, which we cannot separate manually, so I wrote a python program that does this and replaces the semicolon separator with a semicolon, which helped.
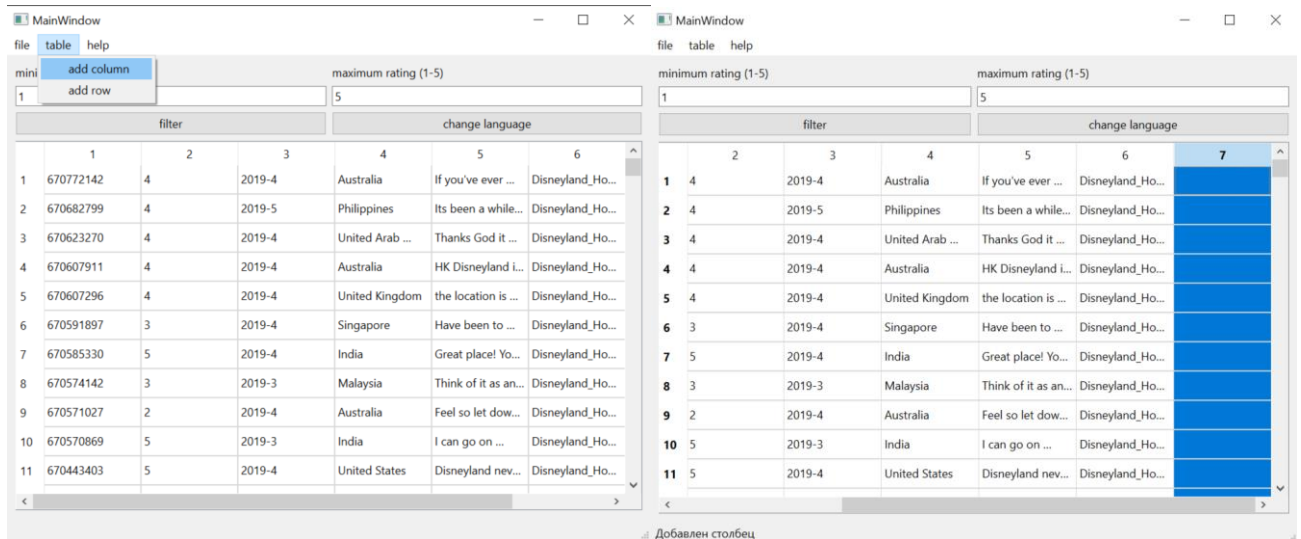
Requirements:

1. Working with the "Model-View-Controller" (MVC) design pattern.

2. Basic operations on table items: adding, editing, removing data.

3. Loading data from a CSV file, saving changes to the file(Saving can either be done automatically or with a "Save As..." dialog).

4. Working with the "Master-Detail" UI pattern where selecting an element of a "Master" list/table automatically shows specific details for the currently selected item.

5. A custom widget which draws a logo.

6. Main menu bar with an item "Help" which shows an action "About". The action opens a separate window containing the custom logo.

7. Proper use of layouts - UI elements must automatically resize to fit the window size.

8. Include a translation to any language of your choice.

9. Filter data from the 5(satisfied) to 1(unsatisfied) for each Disneyland branch. You may choose 5 reviews with different rating for each branch.

I have managed to implement the following features:

1. The output of the full table is made, after setting the rating filter (you must first click the "filter" button)

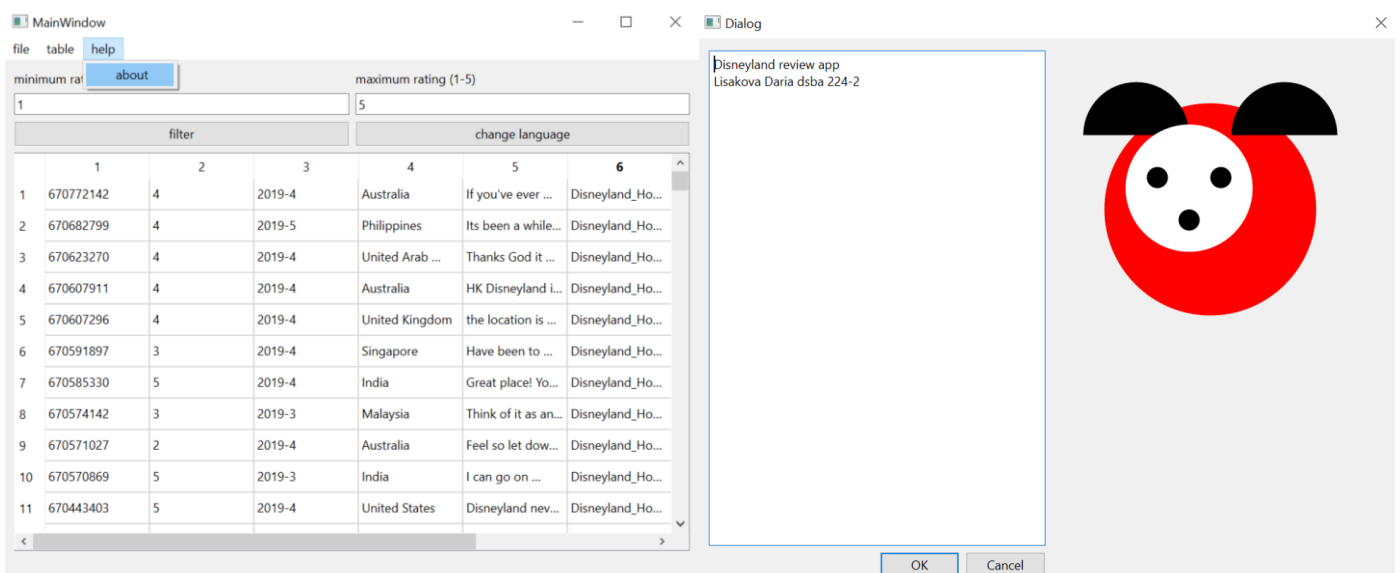2. The ability to add empty columns and rows that can be entered with new data

3. Loading data from a CSV file, saving changes to the file(Saving can either be done automatically or with a "Save As..." dialog).
4. Proper use of layouts - UI elements must automatically resize to fit the window size.
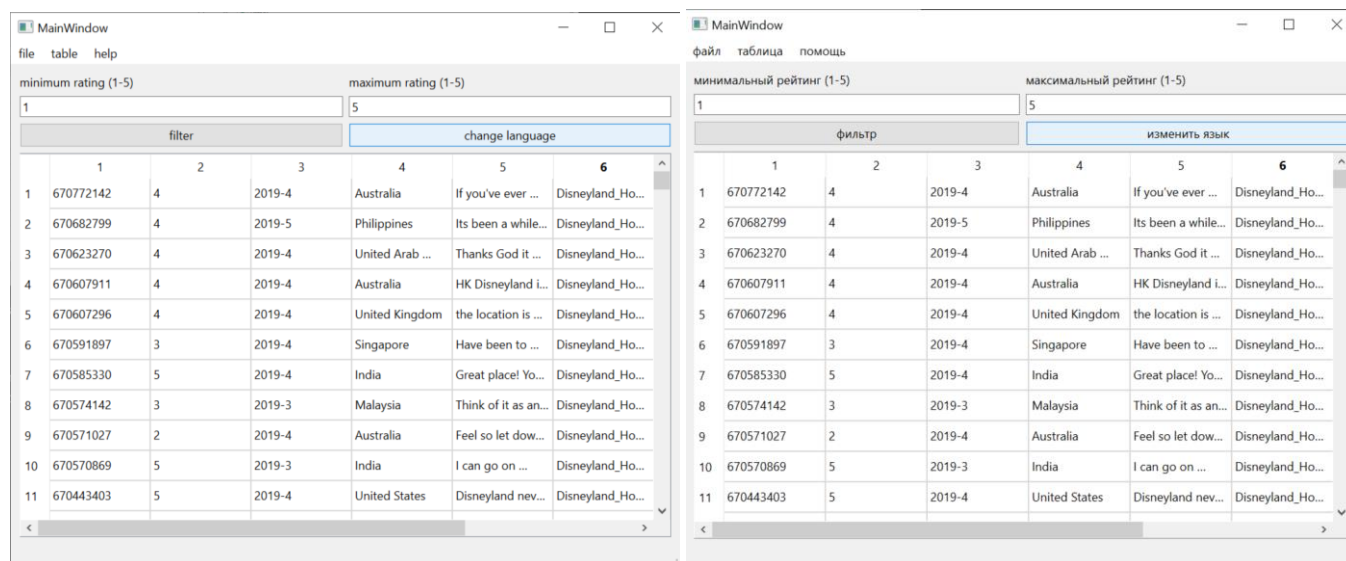
5. Working with the "Master-Detail" UI pattern where selecting an element of a "Master" list/table automatically shows specific details for the currently selected item.
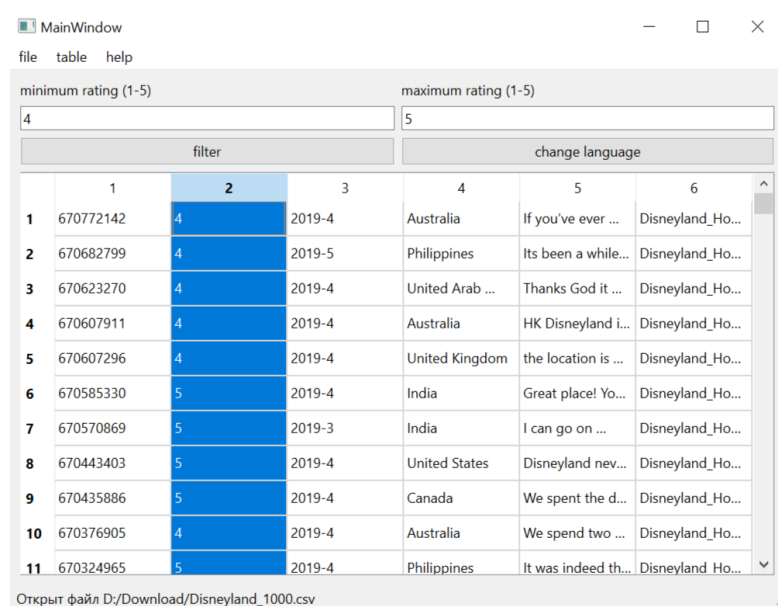
6. A custom widget which draws a logo.

7. Main menu bar with an item "Help" which shows an action "About". The action opens a separate window containing the custom logo (Mickey Mouse).

8. Translation from English to Russian.

9. Filter data by rating.

I believe that most of my functions have been implemented well, given the initial problems of the source file. However, I think that the interface needs to be improved, and also in my application there is no way to open a file without applying a filter which would be nice to fix