

Qt project

NetflixTime

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Submission date: 10.06.2023

Table of Contents

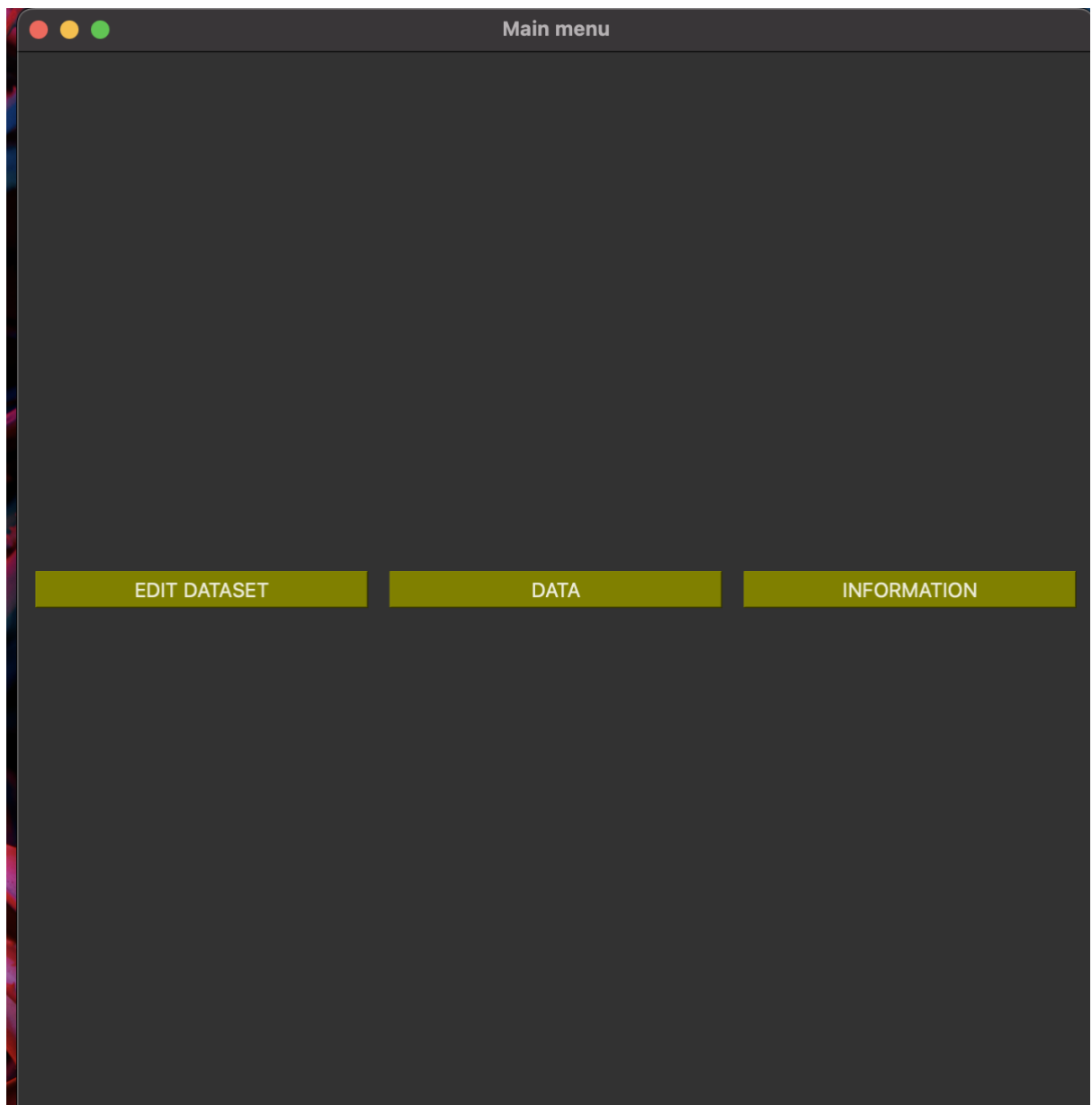
<i>Problem statement</i>	<i>3</i>
<i>Implementation details.....</i>	<i>3</i>
<i>Results and discussion</i>	<i>10</i>
<i>Conclusion</i>	<i>11</i>

Problem statement

In my project I needed to implement an application in QT Creator that works with a csv file. The application had to modify, add and delete data from the table, show the logo and allow me to download the modified csv file. Also ,the author of the idea of my project proposed various additional tasks such as a window with the details of the project development, a window with a detailed description of the film, etc.

Implementation details

While doing the project, I studied various sources which helped me understand how to work with QT. I watched various video tutorials and read forums and articles. I googled a lot. I asked my lecturer Georgy Zhulikov and seminarian Sergei Shershakov for advice. Also, my classmates and I often discussed the project and helped each other. Below will be screenshots of my application. It is very difficult to describe in detail, but the main essence is that when you create a project, I get a model where all information is stored and in each window except information it is transmitted and some work is done with it. Each window is a new class.





Add content
Edit content
Delete content
Main page

Edit data

ID	Type	Title	Director	Cast	Country	Date A
s2779	Movie	Bethany ...	Aaron Lieber	Bethany ...	United States	March 2
s6227	Movie	Band of ...	Aaron Nee, ...	Kyle Gallner, ...	United States	April 15,
s5980	Movie				United States	July 1, 2
s5891	Movie				United States	October
s5525	Movie			rne...	United States	April 21,
s6283	Movie			no,...	United States	June 8, :
s598	Movie			, ...	United States	July 1, 2
s8088	Movie			, ...	United States	Novemb
s8446	Movie	The Other ...	Adam McKay	Will Ferrell, ...	United States	February
s311	TV Show	Cocaine ...	Billy Corben	Timofey ...	United States	August 4
s6272	Movie	Bedtime ...	Adam ...	Adam Sandl...	United States	March 5
s5055	TV Show	Under Arrest	Dan Forrer	Timofey ...	United States	February
s6236	Movie	Barbie in A ...	Adam Wood	Kelly Sherida...	United States	October
s2420	Movie	Big Stone Gap	Adriana ...	Ashley Judd,...	United States	June 5, :
s8090	Movie	Stephanie	Akiva ...	Shree Cooks...	United States	Septemb
s1531	TV Show	Schulz Save...	Alexx Media	Andrew ...	United States	Decemb

Add content

Edit content

Delete content

Main page

Edit content

ID:

s2420

Type:

Movie

Title:

Big Stone Gap

Director:

Adriana Trigiani

Cast:

Dommonico, Mary Pat Gleason, Joe Inscoe, James Hampton, Paul Wilson

Country:

United States

Date added:

June 5, 2020

Year:

2014

Rating:

PG-13

Duration:

103 min

Genre:

Comedies, Romantic Movies

Description:

Virginia mining town uncovers a family secret that alters her profoundly.

Save

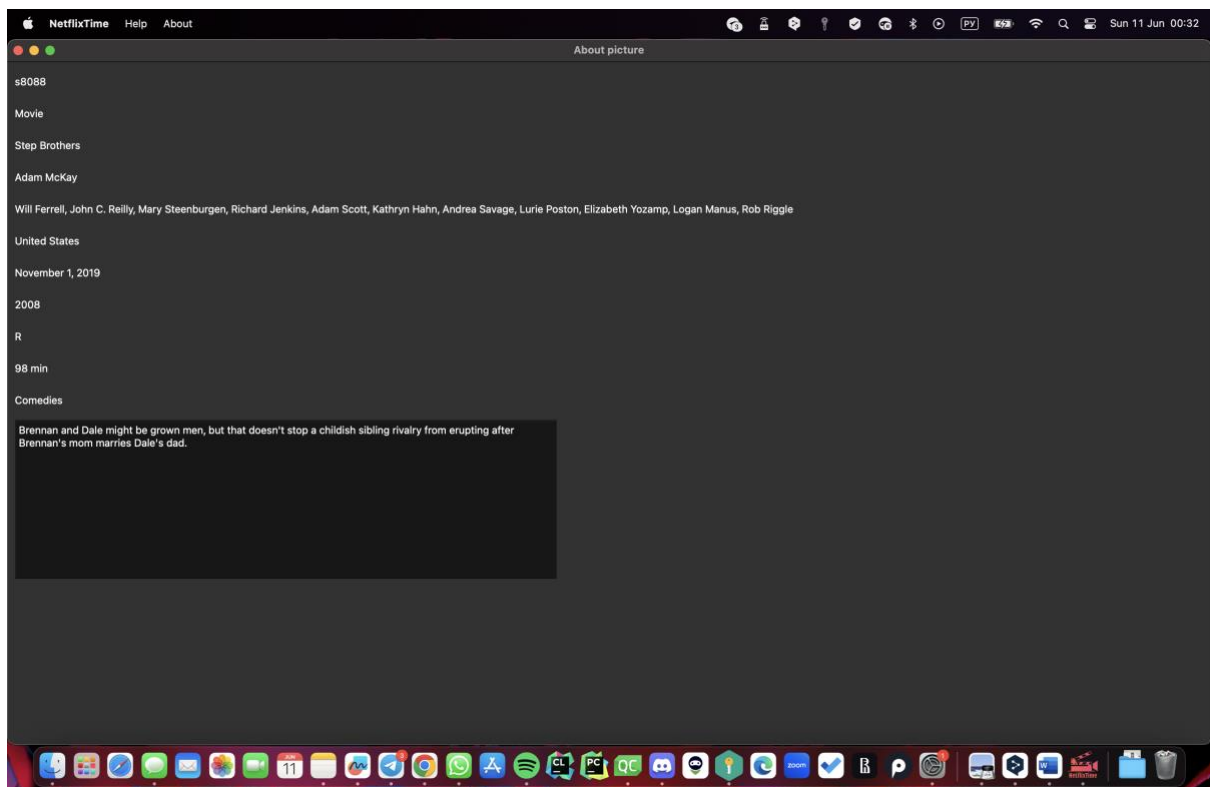
Data						
ID	Type	Title	Director	Cast	Country	Date A
s2779	Movie	Bethany ...	Aaron Lieber	Bethany ...	United States	March 2
s6227	Movie	Band of ...	Aaron Nee, ...	Kyle Gallner, ...	United States	April 15,
s5980	Movie	1 Chance 2 ...	Adam Deyoe	Lexi ...	United States	July 1, 20
s5891	Movie	Anthony ...	Adam Dubin	Anthony ...	United States	October
s5525	Movie	Tramps	Adam Leon	Callum Turne...	United States	April 21,
s6283	Movie	Beneath the ...	Adam Marino	Mira Sorvino,...	United States	June 8, 2
s598	Movie	Talladega ...	Adam McKay	Will Ferrell, ...	United States	July 1, 20
s8088	Movie	Step Brothers	Adam McKay	Will Ferrell, ...	United States	Novemb
s8446	Movie	The Other ...	Adam McKay	Will Ferrell, ...	United States	February
s311	TV Show	Cocaine ...	Billy Corben	Timofey ...	United States	August 4
s6272	Movie	Bedtime ...	Adam ...	Adam Sandl...	United States	March 5
s5055	TV Show	Under Arrest	Dan Forrer	Timofey ...	United States	February
s6236	Movie	Barbie in A ...	Adam Wood	Kelly Sherida...	United States	October
s2420	Movie	Big Stone Gap	Adriana ...	Ashley Judd,...	United States	June 5, 2

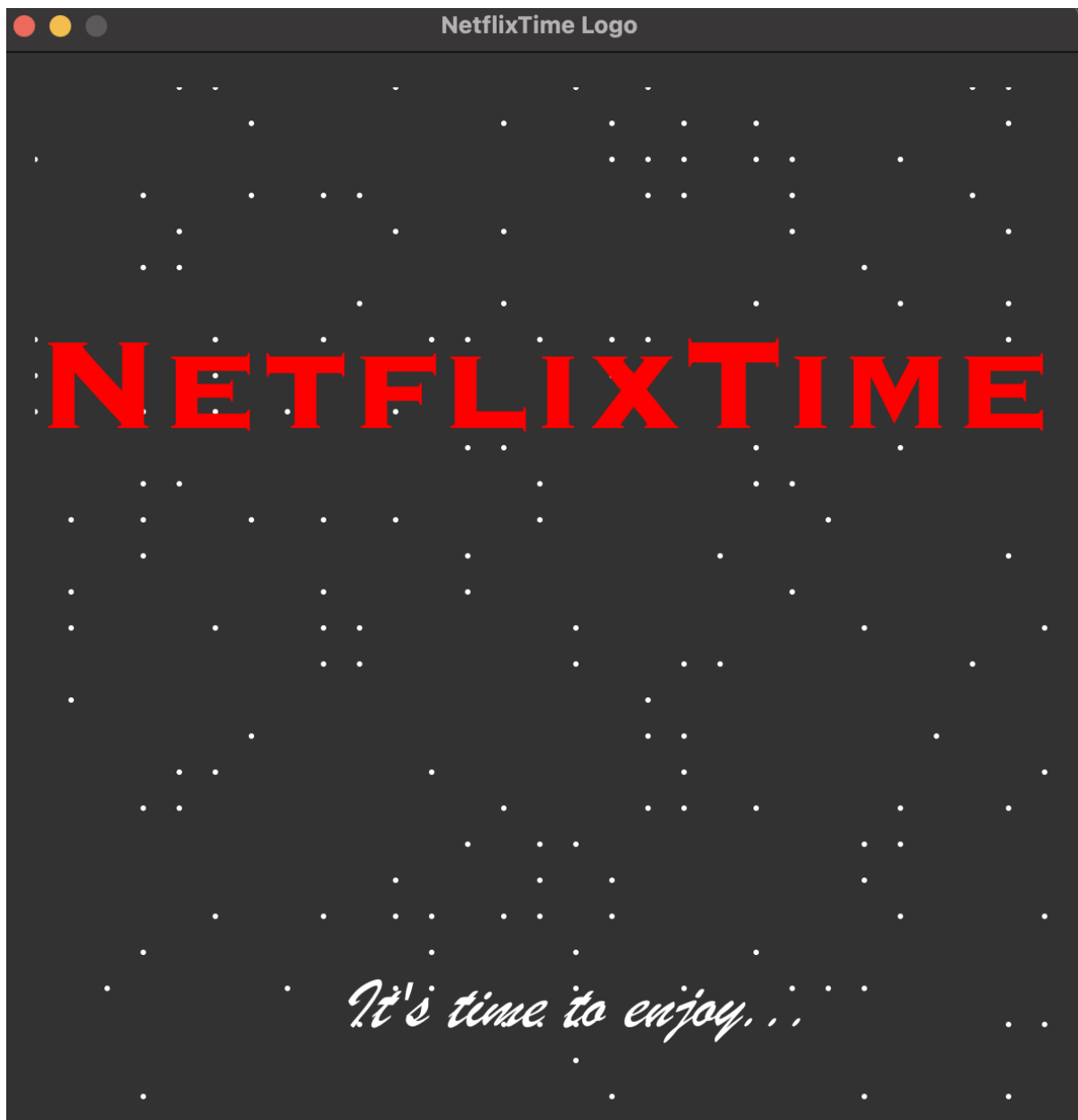
Sort by

☐ Date added
☐ Year
☐ Rating
☐ Duration

Show more about picture

Main page





Results and discussion

All mandatory points of the project have been fulfilled. Due to the complexity of the data from the table, some of the input checks could not be checked as well as desired, but the basic checks are naturally present. Additional items could not be fully implemented due to their complexity and sometimes illogical

implementation, which would have required a lot of time and would have prevented the implementation of the remaining items of the project. I have implemented a few of them and they work correctly. Also, I was not satisfied with the quality of the specification I received and with the permission of the main training assistant I just relied on the idea of the project and carried out the tasks. It was hard to follow the 100% specification as it was illogical and the end result would not have been a friendly user interface at all.

Conclusion

It was my first serious C++ experience using Qt (and first time writing on c++ something except regular tasks). It was very difficult for me the whole time I was doing this project and I'm sure if I'd had more experience I would have been able to implement it better and more. But I'm satisfied with the work I did, even though I could have done it better.