

Title page:

Title: Anime Search Application

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Problem Statement:

The project aims at creating a Graphical User Interface application that helps people to explore new anime, see information about it and to add new one into the app.

Implementation Details:

The application is developed using C++ Qt framework. The largest bias was on implementation Model-View-Controller design pattern. The project consists of several classes including class for Anime, containing all information, class for Window Controller for moving between windows and many others.

Implemented Features:

1. Reading data from csv file.
2. Displaying the anime title, by clicking on which I can see all information about this anime
3. Sorting data by several criteria. User can do it choosing needed information about anime. Also there is filtering by genre of anime and search line which helps to find needed title faster
4. About page. This page displays custom logo of application and contains description of the application
5. Log in page helping admins to get access to all features (the password is "dsba")
6. Adding data to the list. There are more than 20 fields and that is why all information which is not visible in the anime description page is filled automatically and randomly. (Just for simplicity, later it can be changed to normal input)
7. Saving automatically all the data in csv file.

Results and Discussion

The development of the project was finished successfully as all mandatory and even extra features were implemented. Although, the initial data set was too big (1 million lines) and badly constructed, there is a huge potential for this project in the future because adding profile of user, his recommendation based on his preferences and likes can be interesting to implement.

Conclusion:

Anime Go (working name), the Application for searching right anime provides users a huge possibility for exploring new genres. This project demonstrates the effective use of the Qt framework and Model-View-Controller design pattern in creating reliable desktop applications.