A PLATFORM FOR MUSIC BOOK AND MOVIE RECOMMENDATIONS

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Abstract

Several modern recommender systems are developed to help users to devote more time to themselves by proposing relevant suggestions in the requested context. This project is designed with the aim of improving present recommender systems, by bringing multiple recommender systems which focus on different areas together in one platform.

Keywords: Software development, web application, recommender system

Introduction

Since the recommender systems are in demand and gained importance through the industries, performance and time also became important. Currently, the users can get recommendations for books, movies and music from different platforms; which makes it hard for users to get fast suggestions. Using our recommendation platform, users will save the time spent to achieve recommendations to themselves.

Solution

The QuiRec project is a single recommendation platform developed as a web application for recommending music, books and movies to it's users according to their preferences and feedbacks. By combining these three components of recommendations, the time spent to achieve recommendations will be deducted significantly, compared to getting those recommendations from three different platforms and three different algorithms.

Figure 1 – Project Logo

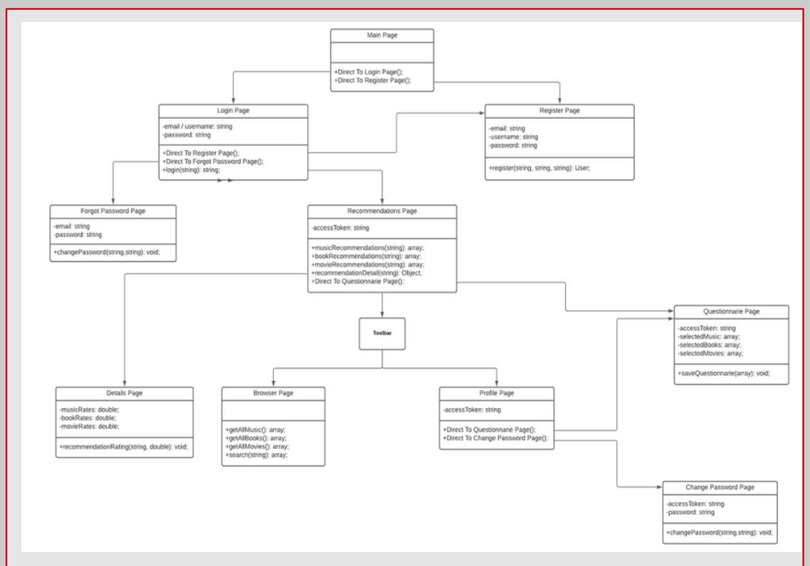

Figure 2 – Class Diagram

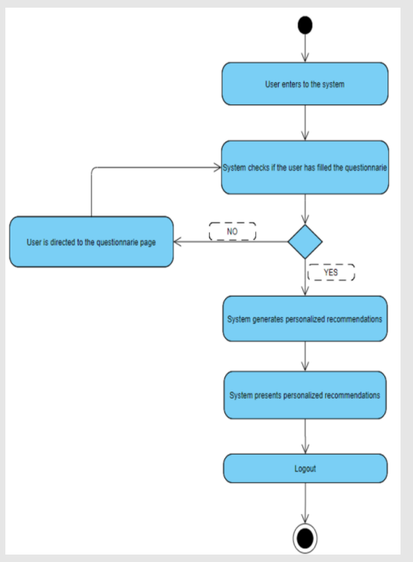

Figure 3 – Activity Diagram

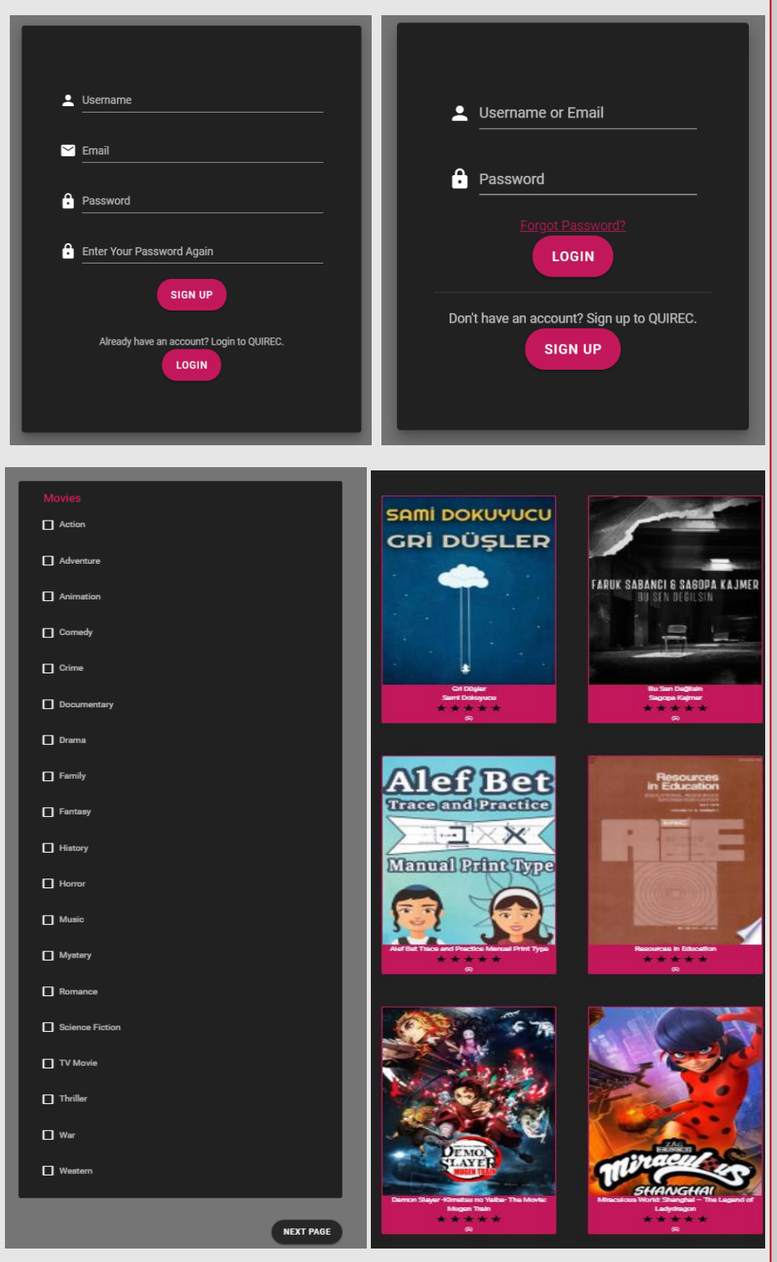

Figure 4 – Finished Product

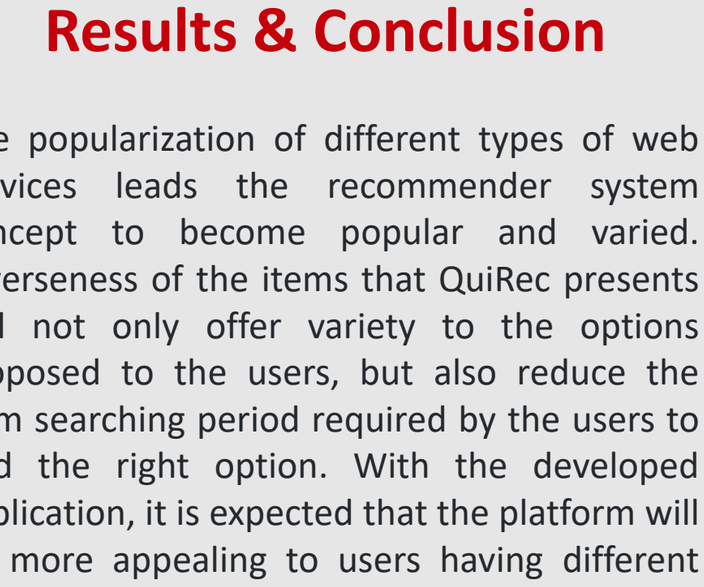

Figure 5 – Finished Product

Results & Conclusion

The popularization of different types of web services leads the recommender system concept to become popular and varied. Diverseness of the items that QuiRec presents will not only offer variety to the options proposed to the users, but also reduce the item searching period required by the users to find the right option. With the developed application, it is expected that the platform will be more appealing to users having different requests in context.

Acknowledgement

We would like to thank our advisor Dr. Abdül Kadir Görür for his acceptance of the group and the project, and substantial guidance through this project.

Figure 6 – Our Team