PROJECT REPORT
FILTERING YOUTUBE WITH YOUTUBE DATA API
CHRISTIAN ARYA PRATAMA
13.02.0052

Faculty of Computer Science
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APPROVAL AND RATIFICATION PAGE

FILTERING YOUTUBE WITH YOUTUBE DATA API

by

CHRISTIAN ARYA PRATAMA – 13.02.0052

This project report has been approved and ratified
by the Faculty of Computer Science on July, 12, 2017

With approval,

Supervisor,

Rosita Hetawati, ST., MIT
NPP: 058.1.2004.263

Examiners,

1.)
Suyanto E.A., Ir., M.Sc

2.)
Hiromitsu Leong, S.Kom., M.Kom
NPP: 058.1.2007.273

3.)
Shinta Estri Wahyuningsrum, S.Si., M.Cs
NPP: 058.1.2007.272

Dean of Faculty of Computer Science,

Eko Widyarto Nugroho, ST., MT
NPP: 058.1.2002.254
STATEMENT OF ORIGINALITY

I, the undersigned:

Name : CHRISTIAN ARYA PRATAMA
ID : 13.02.0052

Certify that this project was made by myself and not copy or plagiarize from other people, except that in writing expressed to the other article. If it is proven that this project was plagiarizes or copy the other, I am ready to accept a sanction.

Semarang, July, 12, 2017

CHRISTIAN ARYA PRATAMA
13.02.0052
ABSTRACT

Youtube is one of the media or video information, which was popular among the community to meet the needs of users to search for information. But, Youtube still have many lack that have not been able to meet the needs of users. For example the videos in search still include all categories and videos with the age category 18+ are still included in the search results.

Based on a lack of Youtube above, an android application developed using Youtube Data API can be a solution. Youtube Data API is one of the facilities for developers to improve the features of Youtube. This project tries to solve the above problem by creating android application that implement Youtube Data API using Andorid Studio application.

The result of the project is user can be search video and manage video based on selected category, publish year, and video search can be sorted through viewers most. Users can also enable Safe Search feature to be safe for children users and the user can see the history of the video that has been watched before.

Keyword : Youtube, KEY Youtube Data API, Android, Android Studio
PREFACE

Project entitled “Filtering Youtube with Youtube Data API” talk about how to solve the problem of lack of an application on Youtube. In the chapter 1 to tell about the background of a problem that is going to be meticulous and how to solve the problem is also discussing the form of the final results are in what is want to be accomplished in this project. In chapter 2 to talk about literature study to do before to a comparison of this project, and contains a journal, researchers from the journal, and the methods used to complete the journal.

In chapter 3 to talk about analysis and design or talk about the steps for finished the project. Start in literature study, problem analysis, design system, implementation and testing this project. Next in chapter 4 explained about the problems which this project will be solved with the narrative and design flow chart to the solution of the problems of project.

Then to chapter 5, having two sub chapter, the first of the implementation. Implementation this explain about the implementation of the data in the this project, and it's a piece of source code and the explanation. Then testing, testing to experiment with data, data input, the data from input. Testing is also served in the form of the table. The last chapter 6 to discuss about the conclusions of the all this project and advice for further research.
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