

Export to Microsoft Excel 2007 Spreadsheet from Web at BINUS School

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Abstract – The purpose of this application module is to make download and manipulation of student data much more easier. With this application module, user can easily download and manipulate student data in Microsoft Excel 2007 format. This feature make the running web application to be more powerful without have to change the old system

Keyword

Data Download, Export to Microsoft Excel 2007 format, Student Data.

I. INTRODUCTION

Export to Microsoft Excel Spreadsheet Module is an application module that can be added to any running web application system.

Any web based system that manipulate data into table view shown in browser can easily implement this Export to Microsoft Excel Spreadsheet module[1].

Binus School is an international school that has been using web-based system to manage almost all school administrative business such as scheduling, time-tabling, messaging, etc.

This Export to Microsoft Excel Spreadsheet module can be implemented to Binus School web-system so system's user can easily download data once and reopen that in spreadsheet and manipulate that data later in Microsoft Excel that has more feature and has been friendly to most user.

Objectives:

1. Develop a new web application module that can export data that first only can be viewed in web browser.
2. Implement that application module successfully while keeping running system run well.

Manuscript received on February 17, 2011. This journal is part of the Department of Computer Science thesis research conducted at the Applied Technology Laboratory, Binus University.

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Otto O, Kevin., Ruben M would like to thank Mr. Kelvin, S. Kom. for his guidance during this thesis research.

Benefits:

1. Export to Excel application module make user feel free to download data from web browser.
2. Downloaded data has more user-friendly view than raw data from Database (that usually user get from old way).
3. User then can manipulate downloaded data in Microsoft Excel that has been very familiar and has more feature than system's web application.

Problems faced:

Based on the analysis of the issue above, so we can find problems with the system running, among others:

1. Before, if user want data to be manipulated, user has to contact IT Directorate to copy the data from Database with spesific category.
2. After request, most of the time, user has to wait for days to get the data from IT Directorate
3. The data get from IT Directorate has a very not-user-friendly view because it just copy from raw database table.

II. METHOD

1. Analysis Method

The means used to analyze the existing problem is:

The survey was conducted in 2 ways:

- 1) Interview, conducted by asking questions to staff of Binus School.

2. Design Methods

The method is made out in the form of data table view analysis so the view can be more user friendly than in the web.

3. Methods Study Library

The methodology of collecting data obtained from literature by reading technical literature books and other articles related to existing problems.

III. RESULT

Export to Excel application module can be accessed at <http://www.binus-school.net>, *click menu StudentOperation->StudentList*

IV. CONCLUSIONS AND RECOMMENDATIONS

Based on the description of the Export to Excel application module that has been presented in previous chapters, the conclusion is that:

1. Export to Excel module can be successfully implemented without distort old system
2. Export to Excel application module make staff easier to download and reopen data without login to the web.
3. Export to Excel application module make staff easier to manipulate data in Microsoft Excel.

Based on the conclusions above, there are suggestions that may be filed for the system to work well for effectiveness in the implementation and further development include:

1. All data that is often to be manipulated to be included in Export to Excel module.
2. Better data view in the web.

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