<https://www.inettutor.com/source-code/alumni-information-system/#comments>

**Objectives of the Study**

The main objective of Online Alumni Information System is to keep track and enhance the records of the alumni of the school.

More specifically, this study aimed to:

1. Create database system to keep all the files of the alumni.
2. Accommodate and provide information sheet and registration for   alumni.
3. Provide security to alumni users in terms of malign issues.
4. Provide accurate and relevant records of alumni that can be easily accessed.
5. Provide information board for all alumni.
6. Provide access for forum and comment purposes for all alumni.

**Significance of the Study**

This study is beneficial to the following:

**Alumni Association.** The system can provide an alumni database that is complete, accurate and accessible.

**School Administrators.** The result of this study will be useful to the school administrators. The administrators can easily locate and trace the alumni of the school when they are needed, and the records can be eventually used for accreditation purposes. It will also promote more effectively the welfare and interests of the school and its alumni.

**Alumni.**The alumni will be aware of the present condition and the status of the school.  This study shall also encourage them to maintain links with the school and with other alumni.

**Future Researchers.** This study will encourage other researchers to conduct further studies in improving the services rendered by the school to their alumni.

**Scope of the Study**

The people who have access in the system have different functions and limitations.  They have their own password that they can easily up-date and can view the profile.  The users of the developed system are the following: alumni, alumni officer and the administrator.

The features of the developed system include the following: online registration; information services which includes chat, forum, calendar of events, and online help; gallery in which users can upload their pictures; and database maintenance.

**Software Requirements**

**WampServer Version 2.0**comprises of the following (Apache, MySQL, PHP):

**Apache Web Server**

A Web Server can refer to either the hardware (the computer) or the software (the computer application) that helps to deliver content that can be accessed through the Internet.

Apache is an established standard in the online distribution of website services, which gave the initial boost for the expansion of the World Wide Web.

**MySQL**

MySQLis a relational database management system (RDBMS) that uses Structured Query Language (SQL) . MySQL RDBMS is an open source application which means it is free to use under the GNU General Public License.

This software is used to manage and maintain the databases of the system, such as: making back-ups of system, updating and restoring the database.

**PHP**

PHP: Hypertext Preprocessor is a widely used, general-purpose scripting language that was originally designed for web development to produce dynamic web pages

**Joomla 1.5**

* Joomla is an open source content management system used to create a website and other online applications. Joomla is considered as the most popular website software.
* Joomla! is written in PHP, stores data in a MySQL database.

**Joomla Components used in the project**

**Agora Forum**

Used for posting of new topics, announcements and other bulletin board solutions.

**Community Builder**

Community Builder (CB)  is a social community component for Joomla which allows you to create a profile, upload images, send message to other members and many more.

**Phoca Gallery**

It is a component for Joomla intended for image gallery with slideshow feature.

**Operation and Maintenance**

It is the final stage of SDLC process. The system will be maintained and always be updated by the alumni personnel. In four types of maintenance the researchers used the adaptive and perfective maintenance because in adaptive maintenance the system is useful even in the changing environment. Any changes fall in these steps for maintenance purposes. The changes in the system could directly affect the software operations. The software should be developed to accommodate changes that could happen during the post implementation period. The system will be maintained by the system administrator through gathering information from the alumni officer and alumni in order to update new batch of graduates, job opportunities and inform them about the upcoming events especially the homecoming. And the perfective maintenance in which improving of the system takes place for efficient processing.

**Configuration**

DBname: alumnidb

**Administrative login**

[http://localhost/alumni/administrator/](http://www.inettutor.com/goto/http:/localhost/alumni/administrator/)

username: admin

password: admin

Test Account:

username: test

password: test

IDEAS

Saint Francis of Assisi College Web Based Graduate Tracer Study Analysis Toolkit (SFAC WBGTSAT)

<https://www.pcmag.com/encyclopedia/term/52987/toolkit>

toolkit

A single utility program, a set of software routines or a complete integrated set of software utilities that are used to develop and maintain applications and databases.

<http://www.businessdictionary.com/definition/analysis.html>

Analysis

1. A systematic examination and evaluation of data or information, by breaking it into its component parts to uncover their interrelationships. Opposite of synthesis.

2. An examination of data and facts to uncover and understand cause-effect relationships, thus providing basis for problem solving and decision making.

<http://searchbusinessanalytics.techtarget.com/definition/business-analytics-BA>

Business analytics (BA) is the practice of iterative, methodical exploration of an organization's data, with an emphasis on statistical analysis. Business analytics is used by companies committed to data-driven decision-making.

BA is used to gain insights that inform business decisions and can be used to automate and optimize business processes. Data-driven companies treat their data as a corporate asset and leverage it for a competitive advantage. Successful business analytics depends on data quality, skilled analysts who understand the technologies and the business, and an organizational commitment to data-driven decision-making.

SFAC-WBGTSAT

RDBMS (note: some child table should be separated per course)

childTable:

1. alumni (lname,fname,mname, email, telno, mobileno

2. course (BSCS, BSBA, BSED, BSHRM)

3. yearGraduated (2001, 2002, 2003,2009 etc...

4. questionnaire (?)

5. civil status (Single, Married, Widowed etc..)

6. gender (Male, Female)

7. employmentStatus (employed, not-employed, self-employed)

8. firstJobAcquired (less than a month, 1-6 months, 7-11 months, 1year to less than 2 years, etc...

9. typeEmploymentStatus (full time/permanent/regular, part time, probationary, temporary/casual)

10. jobListings (Programmer, IT/Software Engineer, Process Engineer, Teacher 1, Master Teacher 1

11. skillsAcquiredAmongGraduates (problem Solving, communication, critical thinking, research, application software etc...

12. valuesDevelopedAmongGraduates (Commitment, Faith, Hope, Honesty, Diligence, Compassion, Competence, etc...

13. trainingAcquiredAmongGraduates (Extremely Useful, Very Useful, Somewhat Useful, Not Useful)

14. subjects (Software Engineering, SAD, Special Project, Principles of Management, Education Technology, Physics etc....

15.

parentTable: (Transaction Table)