

Alumni Association: A Full-Fledged Information System

Vikas BO, Gaddam Jaithra Reddy

ISE, New Horizon College of Engineering, Bengaluru, Karnataka, India

ABSTRACT

The aim of this alumni information system project is to construct a system that will be able to store the information of an institution, college, schools. Dealing with huge data physically is a complex issue that may lead to data lost. Connections with alumni's can be used to gain orientations and vision to the students. This information system will provide the list of all students based on them Passed-out year and branch that will convert the student module to alumni module. The students of the college access the details of the alumni of their college and construct them log-in option in this information system. This system also has an option of updating the details of the alumni like current working status and their position. This resolution of the system is to deliver an easy contact to the students and make them comfortable by using this system. Sustaining and handling the details of the students and approaching them is an important mission, this alumni information system makes the things easier to approach the alumni's and consult them. This information system is a web-based system. This system will provide a registration form for the sake of the newly admitted students of the college. Entree to this project help us to build contacts with them. These alumni information system is user-friendly.

Keywords : Alumni, Information System, Web-based, GUI, Java net-beans.

I. INTRODUCTION

As the technology stage of development, data is required in every arena of human's lifespan which supports the automation of data where it is acquaintance communication in an opportune, exact, clear, manner and take out or concentrated from the information and this system is a set of self-determining entities, factual or intellectual establishing a cohesive total. As foremost technologies for storing and dispensation information have been developed, new abilities have appeared like the fast development of system software. Dealing with huge data physically is a complex issue that may lead to data lost. Connections with alumni's can be used to gain orientations and vision to the students. The purpose of this system

can't be disregarded doing things quicker, undertaking things well and undertaking things keener, these qualities are thinkable just because of two words, Information System. This will be able to accomplish and sustain details of their former students specifically in shaping their alumni Organization. The passed-out year of the institution. As the technology phase of growth, statistics is compulsory in each showground of individuals lifetime which provisions the mechanization of somewhere it is colleague communicate in an appropriate indistinct, method and revenue available or focused as of the data and this is scheme is a conventional of self-determining objects, accurate or rational founding a consistent entire.

The main objective of the project alumni information system is to prepare a software that contains the information of the graduates which helps the students for interacting. In this project, functionalities are creating a profile of the students, listing their status, updating their information and deleting their record, gui (graphic user interface) is used in developing this project. Another main aim of the project is to maintain the records of all the students with their details of their current working status.

In this project, java applications will play the major role. In this I am using gui (graphic user interface) to create alumni's information, as to store the details of the former students we will be using database. An object is a many bundle of functions and procedures often relating to particular real-world concept such as alumni information system, I can access the graduate's details by calling the function and its procedures.

II. EXISTING SYSTEM

This system is problematic to preserve on a steady process and it also have a discretion matter. The existing system is constructed with innumerable outclass pages that are formed by each operator. These sheets may be assembled by an alumni association and collective with all the alumni, but this movement may not be regular. This module helps us register user. The main contents are id, name, password. After registration admin can add the result to the search content. Here we can update and maintain this form. This system affords a solidly theme of system as they join all the people associated to the institutions at single place allowing communications, conversations of ideas and statistics. [5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35] The alumni system resolves the problematic troubled with ex-students response to the aptitude

with an analysis. After registration admin can add the results to the search content. Here We can update, delete, maintain this form. This system affords a solitary theme of system as they join all the people associated to the institutions at a single place allowing communications, conversation of ideas and other statistics. This Alumni system resolves the problematic troubled with ex-student's response to the aptitude with an analysis module.

III. PROPOSED SYSTEM

The proposed system will be online which is web-based, this can be retrieved by alumni everywhere. It will permit rapid and relaxed announcement. Each user will be accountable for the bring up-to-date their own details. Each user will also have the user possibility to sustain their discretion. It does not need the persistent consideration of an assembly of scholars for its preservation. Alumni will establish meetings to know them easily and let us know about job prospects on them themselves using this scheme. The user should enter the ID and password to view the profile. This structure will be able to keep interaction with the scholars and their organization. This will be easy to achieve antique data in database.

Alumni information system delivers the penetrating amenities founded on numerous issues such as Former students, seminary, university mates, social webs, break, college bulletin, scholar.

Alumni information system also accomplish connected particulars of graduate's institution, university mates, social webs, scholars.

It paths all the evidence of alumni. Accomplishes the statistics scheme. Demonstrations the report of university.

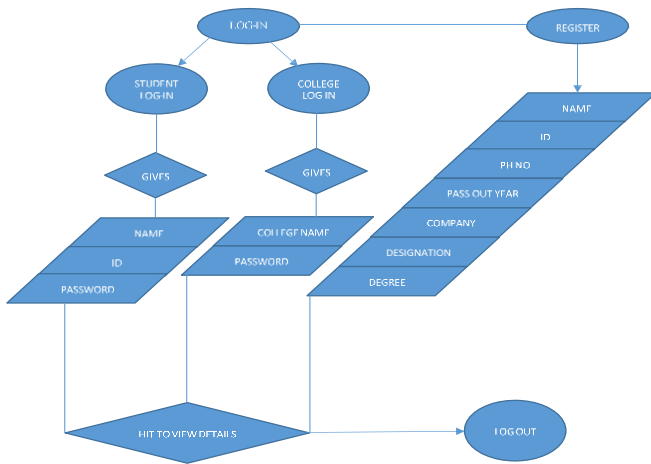
To upsurge competence of management undergraduates. Its transactions with mentoring the data connected. Manages information opportunity. Adding and updating records is improved which

results in proper resource management of alumni information system's data. Manages information of places.

Integration of all records of social networks.

It produces the description of former students, university pals, scholars.

IV. SYSTEM ARCHITECTURE



The architecture comprises of the following components:

1. Admin Access:

- a) Login: Student login, College login
- b) Viewing all student Records displays student table
- c) Viewing all Present Records displays Files

2. Registration:

- a) Enter Name, ID, Ph No, Pass out year, Company, Designation, Degree

- b) Register

- c) Login

3. Student Records:

- a) If the login id and password true, student data is updated into java records File
- b) If the login id is not recognized, unknown record it doesn't accept.

Modules: A java module is an apparatus to bundle up your java application and java packages into java modules java module can postulate which of these java packages it comprises that should be

observable to supplementary java components using these components. A java component must also postulate which extra java modules is necessities to do its job.

1. Student module: this student module helps to register user. The contents are Id, NAME, Password. After registration supervision can enhance the results to the exploration. Here admin can update, delete, maintain this form.
2. College module: In this sub module we can search the details of the college information as their wish.
3. Registration module: this module is to the students who are freshers to the college. This helps them to access information about the alumni by registering and giving them appropriate details like name, ID, pass outyear, designation, degree.
4. Record: in this records module it maintains s the details of the students and current working status. The data in this module is from the database which store the information given by the admin and they are interlinked.

V. IMPLEMENTATION

1. Admin logs in and enters the username and password credentials. The admin after successful login can access the student records.

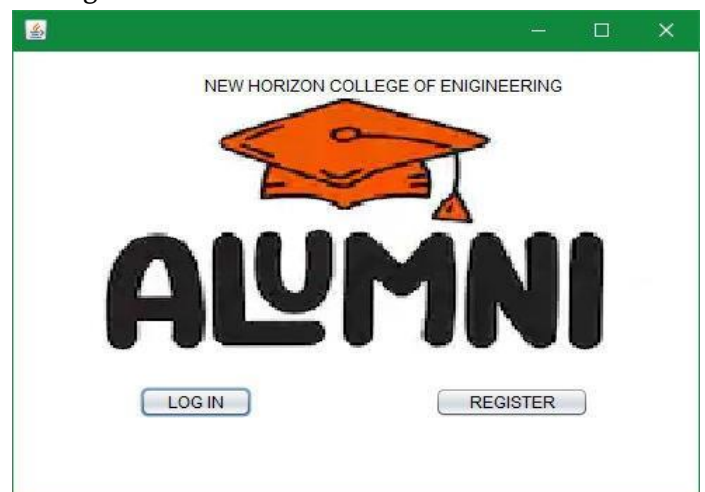


Figure 1: Introduction panel

- College log-in page is for college staff/faculty to access the records of the students by entering them Name, Password given by particular college.

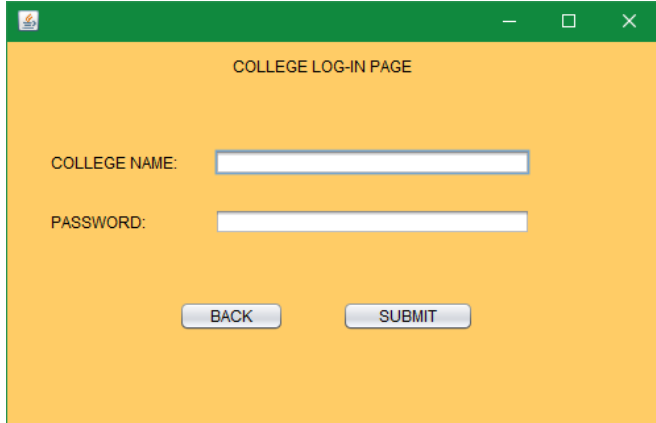


Figure 2: College Admin Login

- Registration panel is for the students who are new to the college, needed to be registered.

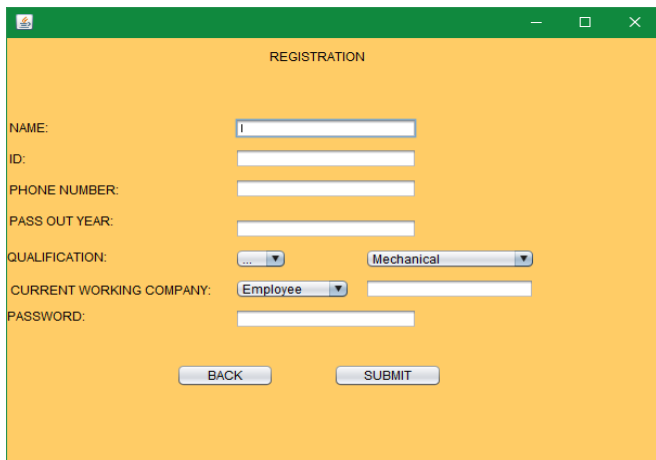


Figure 3 : Registration panel

- Finally, the records can be viewed by log-in and by registering.

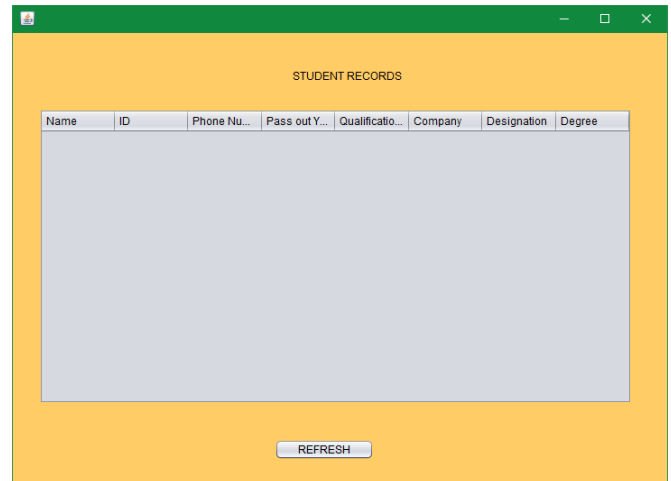


Figure 4: Student records

VI. CONCLUSION

With the current implementation of the project the conclusions are given:

The current implementation provides the complete details of the alumni's their current status and to establish contact with alumni.

The alumni information system allows the new students to communicate with alumni's each other. Graduate can permit to show the data in their outline for community invitees. It is in a graduate's aptitude; which info will be shown in their outline and will be shown to universal community.

Podium to commence the adherents for former students mentoring database through information sheets or signs.

Communal also consist of penetrating sheets with their creeps.

The data can be saved in data base which can hold the data permanently.

VII. FUTURE ENHANCEMENTS

The project is implemented it would be good, if the adherents of the former student's website which are the formers of the university alumnae

and additional pupils' container straight communication and conversation with the aptitude in custody and supplementary pupils. The organization that is to be executed ensures not suggestions such functionality. The communication ability can be effortlessly attained also hand-me-down to contrivance the graduates web-based entrance. This claim which is used to contrivance for one-to-one contact. A very valuable functionality from which former students' membership can advantage would be if the website needed a where any debate might be unfastened is associated to an individual's arena to education. Many academies everywhere the flora and fauna have an opportunity on them former students' website.

VIII. REFERENCES

- [1]. Gonçalves, 19th Latin American web congress ,2014.
- [2]. Cinco, Jenny May T., and Raphy A. Dalan. "Web-based Alumni Network and Database Information with Mobile Application." (2019). Database Information with Mobile Application." (2019).
- [3]. Jade, Amr no. 6 (2016): 198.
- [4]. Iswara, H. W. W., and H. Joti In Journal of Physics: Conference Series, vol. 1456, no. 1, p. 012024. IOP Publishing, 2020.
- [5]. S Mohankumar, Analysis of different wavelets for brain image classification using support vector machine, International Journal of Advances in Signal and Image Sciences 2 (1), 1-4, 2016
- [6]. Naga Raju Hari Manikyam and S Mohankumar Methods And Techniques To Deal With Big Data Analytics And Challenges In Cloud Computing Environment, International Journal of Civil Engineering & Technology 8 (4), 2017
- [7]. S MohanKumar and Balakrishnan.G, Multi Resolution Analysis for Mass Classification in Ddigital Mammogram using Stochastic Neighbor Embedding, ICCSP,2013,101-105.
- [8]. Dr.S. Mohan Kumar and Dr G. Balakrishnan, Wavelet And Symmetric Stochastic Neighbor Embedding Based Computer Aided Analysis For Breast Cancer, Indian Journal of Science and Technology ISSN 0974-6846 and 0974-5645, Volume 9, Issue 47, 12-16
- [9]. Dr. Mohan Kumar S & Dr. Balakrishnan, Classification Of Breast Mass Classification – CAD System And Performance Evaluation Using SSNE, IJISSET – International Journal of Innovative Science, Engineering & Technology, Vol. 2, Issue 9, 417-425, ISSN 2348 – 7968
- [10]. Dr. Mohan Kumar S, Dr. Balakrishnan, Classification Of Breast Mass Classification – CAD System With Performance Evaluation, International Journal of Engineering And Computer Science, Volume 4, Issue 09, 14187-14193, ISSN 2319-7242, September, 2015
- [11]. Dr. Mohan Kumar S, Dr. Balakrishnan, Classification Of Breast Microcalcification- CAD System And Performance Evaluation Using SSNE, International Journal of Advanced Research in Computer Science and Software Engineering, Volume 5 , Issue 9, 824-830, ISSN: 2277 128X, Sep-2015
- [12]. Revathi Y, Dr S Mohan Kumar, Efficient Implementation Using RM Method For Detecting Sensitive Data Leakage In Public Network International Journal of Modern Trends in Engineering and Research, Volume 3, Issue 04, Page Numbers: 515-518, ISSN (Online):2349–9745 ISSN (Print):2393-8161 , April, 2016
- [13]. Revathi Y , Dr S Mohan Kumar, Review On Importance And Advancement In Detecting Sensitive Data Leakage In Public Network, International Journal Of Engineering Research And General Science, Volume 4, Issue 02, Page Numbers:263-265, ISSN:2091-2730, April, 2016
- [14]. Revathi Y, Dr S Mohan Kumar, A Survey On Detecting The Leakage Of Sensitive Data In Public Network International Journal of Emerging Technology and Advanced Engineering, Volume 6, Issue 03, Page Numbers:234-236, January, 2016

- [15]. Dr. S. Mohan Kumar & Anisha Rebinth, Automated detection of Retinal Defects using image mining, A review, European Journal of Biomedical and Pharmaceutical Sciences, European ISSN : 2349 – 8870, Volume 5 , Issue : 01 year : 2018, pp No.: 189 – 194
- [16]. Dr. S. Mohan Kumar & Darpan Majumder, Healthcare Solution based on Machine Learning Applications in IOT and Edge Computing, International Journal of Pure and Applied Mathematics, ISSN: 1311-8080 (printed version) ISSN: 1314-3395 (on-line version) Jul 2018 issue.
- [17]. Dr. S. Mohan Kumar, Ashika.A, A Survey on Big Data Analysis, Approaches and its Applications in the real World, Journal of Emerging Technologies and Innovative Research, ISSN: 2349-5162, May 2018 , Volume 5, Issue 5, pp. no.: 93-100
- [18]. S Mohan Kumar & Dr. Balakrishnan, Statistical Features Based Classification of Micro calcification in Digital Mammogram using Stochastic Neighbour Embedding, International Journal of Advanced Information Science and Technology, 2012, ISSN:2319-2682 Volume 07, Issue 07 , November 2012, Page Numbers: 20-26
- [19]. S Mohan Kumar & Dr. Balakrishnan ,Breast Cancer Diagnostic system based on Discrete Wavelet Transformation and stochastic neighbour Embedding, European Journal of Scientific Research, 2012, ISSN:1450-216X ,Volume 87, Issue 03 , October 2012, Page Numbers: 301-310
- [20]. S Mohan Kumar & Dr. Balakrishnan, Classification of Microcalcification in digital mammogram using SNE and KNN classifier, International Journal of Computer Applications - Conference Proceedings published in IJCA, 2013 ISBN: 973-93-80872-00-6, ICETT proceedings with IJCA on January 03,2013, Page Numbers: 05-09
- [21]. S Mohan Kumar & Dr. Balakrishnan, Multiresolution analysis for mass classification in Digital Mammogram using SNE, IEEE international Conference- ICCSP-13 organized by Athiparasakthi Engineering College, Chennai , 2013, ISBN:978-1-4673-4864-5, Page Numbers: 2041-2045.
- [22]. S Mohan Kumar & Dr. Balakrishnan, Categorization of Benign And Malignant Digital Mammograms Using Mass Classification – SNE and DWT, Karpagam Journal of Computer Science, 2013, ISSN No: 0973-2926, Volume-07, Issue-04, June-July-2013, Numbers: 237-243.
- [23]. S Mohan Kumar & Dr. Balakrishnan, Classification of Micro Calcification And Categorization Of Breast Abnormalities - Benign and Malignant In Digital Mammograms Using SNE And DWT, Karpagam Journal of Computer Science 2013, ISSN No: 0973-2926, Volume-07, Issue-05, July-Aug, 2013. Page Numbers: 253 to 259
- [24]. S Mohan Kumar & Dr. Balakrishnan, The Performance Evaluation of the Breast Mass classification CAD System Based on DWT, SNE AND SVM , International Journal of Emerging Technology and Advanced Engineering, 2013, ISSN 2250–2459, Volume 3, Issue 10, October 2013, Page Numbers: 581-587
- [25]. S Mohan Kumar & Dr. Balakrishnan ,The Performance Evaluation of the Breast Microcalcification CAD System Based on DWT, SNE AND SVM, CiiT International Journal of Digital Image Processing, 2013, Print: ISSN 0974 – 9691 & Online: ISSN 0974 – 9586, Issue-November 2013, Page Numbers / DOI: DIP112013005.
- [26]. Anisha Rebinth & Dr. S. Mohan Kumar "A Deep Learning Approach to Computer Aided Glaucoma Diagnosis" at IEEE International Conference on recent Advances in Energy-efficient Computing and Computation at St. Xaviers Catholic College of Engineering, Nagercoil. on 7th and 8th March 2019 and was published IEEE Xplore Paper doi: 10.1109/ICRAECC43874.2019.8994988.
- [27]. Anisha Rebinth & Dr. S. Mohan Kumar CAD Techniques in Automated Detection of Retinal Anomalies-A Comparative Study” presented in a National Conference on Robotics, Artificial Intelligence and Machine Learning conducted by the Computer Science Department of RVS Group of Institution , Dindugal, Tamilnadu, on 11th of October 2019.

- [28]. Anisha Rebinth & Dr. S. Mohan Kumar "Wavelet Packet Transform Based Image Classification For Computer Aided Glaucoma Diagnosis Using Naïve Bayes Classifier" accepted for Conference proceeding publication in the Information System Design and Intelligent Applications (INDIA-2019) -International Conference conducted by Department of Computer Science, Lendi Institute of Engineering and Technology on the 1st and 2nd of November 2019 .
- [29]. Anisha Rebinth & Dr. S. Mohan Kumar "Computer Aided Glaucoma Diagnosis Using Retinal Fundus Images By Deep Learning" Accepted for 4 International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques.(ICEECCOT-2019) Conducted by GSSSIETW,Mysuru on the 13th and 14th of December 2019.
- [30]. Anisha Rebinth & Dr. S. Mohan Kumar "Computer Aided Diagnostic Techniques in Automated Detection of Eye Related Diseases - A Comparative Study" presented at The International Conference on Innovative Research in Engineering ,Management and Sciences conducted by New Horizon College of Engineering and Technology held on 19th to 21st of December 2019.
- [31]. Anisha Rebinth & Dr. S. Mohan Kumar "Automated Detection of Retinal Anamolies Using Computer Aided Techniques - A Comparative Research" presented at the 1st International Conference on Emerging Trends and Challenges in Applied Science, Engineering and Technology conducted by Gopalan College of Engineering and Management held on 10th and 11th of March 2020.
- [32]. Darpan Majumder & Dr. S. Mohan Kumar , Review of Security Strategies used in Vehicular Adhoc Networks, International Conference on Innovative Research in Engineering, Management and Sciences ISBN : 978-93-5391-778-4, Page 138.
- [33]. Darpan Majumder & Dr. S. Mohan Kumar A Review of Black and Gray Hole Attacks in AODV published in First International Conference on Emerging Trends and Challenges in Applied Science, Engineering and Technology (ICECAET - 2020)"Organizing by Gopalan College of Engineering and Management, on 10th and 11th , March, 2020.
- [34]. Darpan Majumder & Dr. S. Mohan Kumar "Edge Computing Applications on Vehicular Networks", in the International Conference on Applied Innovative Research in Engineering, Science and Management (IC-IREASM-2019) conducted by Sree Dattha Institute of Engineering and Science, Telangana on the 15th and 16th of October 2019. International Journal Of Innovation In Engineering Research & Management ISSN: 2348-4918, VOL 6 Oct 2019
- [35]. Anisha Rebinth & Dr. S. Mohan Kumar "Glaucomatous Image Classification CAD System Using Adaptive Wavelets, Probabilistic PCA and Random Forest Techniques Machine Learning Model" International Journal Of Innovation In Engineering Research & Management ISSN: 2348-4918, VOL 6 Oct 2019.

Cite this article as :

Vikas BO, Gaddam Jaithra Reddy, "Alumni Information System", International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT), ISSN : 2456-3307, Volume 6, Issue 3, pp.716-722, May-June-2020.

Journal URL : <http://ijsrcseit.com/CSEIT2063154>