**PROJECT BASED LAB REPORT**

**On**

**ALUMNI INFORMATION SYSTEM**

**Submitted in partial fulfilment of the**

**Requirements for the award of the Degree of**

**Bachelor of Technology**

**in**

**ELECTRONICS AND COMMUNICATION ENGINEERING**

**By**

**ROHINI PANDIRI 2100031934**



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**K L University**

Green Fields, Vaddeswaram, Guntur District-522 502

**2016-2017**

**K L University**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**



***CERTIFICATE***

This is to certify that this project based lab report entitled **“ALUMNI INFORMATION SYSTEM ”** is a bonafide work done by  **ROHINI PANDIRI 2100031934** in partial fulfilment of the requirements for the award of degree in **BACHELOR OF TECHNOLOGY** in **ELECTRONICS AND COMMUNICATION ENGINEERING**  during the Academic year 2016-2017.

**Faculty in Charge Head of the Department**

Dr.V.SRIKANTH

**Project guide**

**K L University**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**



***DECLARATION***

We hereby declare that this project based lab report titled **“ALUMNI INFORMATION SYSTEM”** has been prepared by us in partial fulfilment of the requirements for the award of degree “**BACHELOR OF TECHNOLOGY in ELECTRONICS AND COMMUNICATION ENGNEERING**” during the Academic year 2016-2017.

We also declare that this project based lab report is of our own efforts and it has not been submitted to any other university for the award of any degree.

**ROHINI PANDIRI**

**2100031934**

**ACKNOWLEDGEMENT**

Our sincere thanks to **MR.D.Bhupesh** in the Lab for their outstanding support through out the project for the successful completion of the work.

We express our gratitude to **DR.V. SRIKANTH,** Head of the Department for ELECTRONICS AND COMMUNICATION Engineering for providing us with adequate facilities, ways and means by which we are able to complete this project based Lab.

We would like to place on record the deep sense of gratitude to the honourable Vice Chancellor, K L University for providing the necessary facilities to carry the project based Lab.

Last, but not the least, we thank all Teaching and Non-Teaching Staff of our department and especially my classmates and my friends for their support in the completion of our project based Lab.

**ROHINI PANDIRI**

**2100031934**

**Alumni Information System**

**Abstract**

Alumni information system contains the details of the graduate of the college. We can maintain the details of the students, who have studied in the college. It is very beneficial for the college, because whenever the college needs any financial assistance then one can approach the former college students who might be in good position and ask for the financial help. It is a grate way of maintaining the important data, because the old saying is there which says information is wealth.

At present, the Alumni Information System (AIS) contains the Details of the graduates, and efforts are constantly made to keep the personal particulars of all graduates up to date. In addition, a continuous search takes place for ‘lost’ graduates, using among other things as address cards. Constantly we can update about the alumni in the system so that one has the latest information of the alumni. The latest information is maintained by various means like one can email the alumni, call or personally meet the alumni and gather the all related information about him/her. This type of system builds a strong network among all the passed out students. The details like career establishments, personal details, academics details and alumni group which is a great way of maintaining the friend group of the alumni when they were in the college.

**CONTENTS**

**s.no content**

**1. ABSTRACT**

**2. INTRODUCTION**

**3. FUNCTIONAL REQUIREMENTS**

**4. NON-FUNCTIONAL REQUIREMENTS**

**5. CODE**

**6. OUTPUT**

**INTRODUCTION**

The Alumni information System is meant for maintaining the information of the students who left the institution on completion of the graduation. So this system helps them to be in contact with the institution and the others students.

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.

Communication between graduates and university can be suitable for both sides. In this

article we would like to introduce web based software system called ALUMNI developed

at Team Project. Our faculty has ambitions to present its graduates to the public. The

faculty also wants to keep in touch with its graduates using web application, providing

a channel for professional and social communication between graduates themselves and

the faculty. The ALUMNI project focuses on design and implementation of the system

that would accomplish these needs.

**DESCRIPTION :**

The aim of this project is to build a system that will be able to manage alumni data of a college and provide easy access to the same. Alumni of a college generally stay in touch with their immediate friends but find it hard to stay connected with other college mates. Contact between alumni can be used to forge business connections and to gain references or insight in a new field.

New college students will be initially given a student login ID. Access to the system can help them in building connections to help them in their projects or for placements.

The system will automatically list all college students as alumni on their graduation and their account status will be transferred from the student module to the alumni module. Users will be prompted to update social network details such as their Facebook, LinkedIn and Twitter handles. Users can also choose to automatically share new updates in work status from their LinkedIn profile. Users will also be able to share and promote their business Facebook pages or Twitter handles through the system

The existing system is built with innumerable excel sheets that are created by each user. These sheets may be collated by an alumni organization and shared with all the alumni but this activity may not be frequent. E – Mail IDs may be freely shared and can lead to excessive spam mails. This apparent lack of privacy will force many alumni to avoid sharing their details with fellow alumni. The system is difficult to maintain on a regular basis by a small group of students.

The proposed system will be online so it can be accessed by alumni anywhere. It will enable quick and easy communication. Each user will be responsible for the updating their own information. Each user will also have the option to maintain their privacy. It does not require the constant attention of a group of students for its maintenance. Alumni will be able to organize meetings and find out about job opportunities on themselves using this system.

**FUNCTIONAL REQUIREMENTS**

**Purpose :**

Main aim of this project is to implement an application which deals with maintaining Alumni Information like Personal data, Academic details and Employment details. Initially, Form has been given to each user to enter the personal and academic data and each student has its own user name and password for edit and changes his data usually. This system will reduce manual work for maintaining records in files.

This system provides search facility to search the status of alumni like branch wise and year wise. This system allows each user can do Regular changes like his personal information, employment information.

**PROGRAM ARCHITECTURAL DESIGN:**

|  |  |  |
| --- | --- | --- |
| Serial | Name of the Module |  |
| Number |  |
|  |  |

1. STUDENT INFORMATION
2. STUDENT PARENT INFORMATION
3. ACADEMIC DETAILS OF STUDENT
4. PRESENT STATUS OF STUDENT

**NON-FUNCTIONAL REQUIREMENTS**

**EXCEPTION HANDLING:**

An exception (or exceptional event) is a problem that arises during the execution of a program. When an Exception occurs the normal flow of the program is disrupted and the program/Application terminates abnormally, which is not recommended, therefore, these exceptions are to be handled.

**CODE:**

import java.io.\*;

import java.util.Scanner;

class WriteData1

{

public static void main(String args[])throws Exception

{

BufferedWriter output=null;

Scanner in=new Scanner(System.in);

String username;

String password; int i,n;

String nm,num,bas;

output=new BufferedWriter(new FileWriter("scores.txt", true));

System .out .print("Enter How many records:");

n=in.nextInt();

for (i=0;i<n;i++)

{

System.out.println("For login enter your user name and password"); System.out.println("enter your username");

username=in.next();

System.out.println("enter your password");

password=in.next();

output.write(“username “+username+" "); output.newLine();

output.write(”password “+password+" ");

output.newLine();

System.out.println("For registration details enter the following details");

int idnumber;

int sschallticket;

int sscyear;

String stname;

String branch;

System.out.println("enter the student name");

stname=in.next();

output.write("name of the student is "+stname); output.newLine();

System.out.println("enter student branch");

branch=in.next();

output.write("branch of the student is "+branch); output.newLine();

System.out.println("enter id number and ssc hallticket number and year"); idnumber=in.nextInt();

sschallticket=in.nextInt();

sscyear=in.nextInt();

output.write("id number of a student "+idnumber); output.newLine();

output.write("sschallticket of a student"+sschallticket); output.newLine();

output.write("sscyear of a student"+sscyear);

output.newLine();

System.out.println("For personal details please enter following details");

int number;

int year; int mobile;

String name;

String address;

String email;

System.out.println("enter student name and number");

name=in.next();

output.write("name of the student is "+name); output.newLine();

number=in.nextInt();

output.write("Branch of the student is "+number); output.newLine();System.out.println("enter address and email");

address=in.next();

email=in.next();

output.write("address of a student"+address); output.newLine();output.write("email of a student"+email);

output.newLine();

System.out.println("For employment details please enter the following details ");

int idNumber;

String Stname;

String company;

String place;

int income;

System.out.println("enter idnumber and name of a student"); idNumber=in.nextInt();

Stname=in.next();

System.out.println("enter name of company and company place"); company=in.next();

place=in.next();

output.write("name of a student"+Stname); output.newLine();

output.write("id number of a student"+idNumber); output.newLine();output.write("company of a student"+company); output.newLine();output.write("company place of a student"+place); output.newLine(); System.out.println("/n/n/n/nEnd");

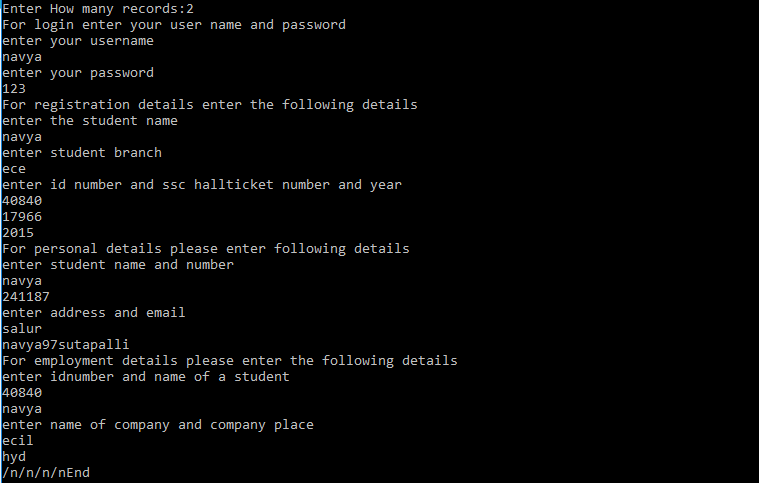
}

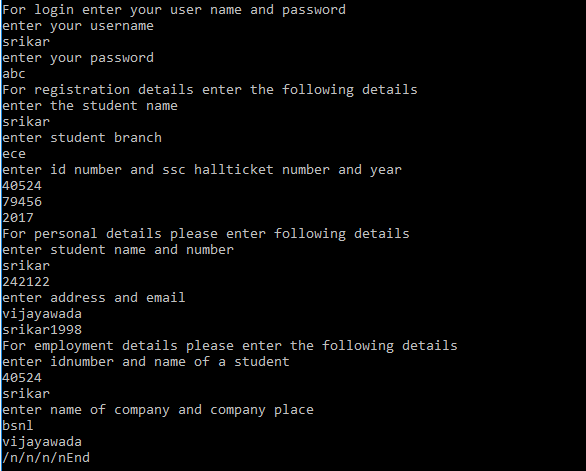
output.close();

}

}

**OUTPUTS:-**





FILE READER

