

Training and Placement Guru

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Abstract- This presents web based application design for managing training and placement data. The objective of this project is to develop a system that can be used for placements. As the records was stored in modified excel sheets therefore sorting problems are there. The file was not stored in hierarchical format, hence searching for particular file gets difficult. Notification in the form of plain text was not send. We can overcome this problem by using SQL database which stores data in such a format that we can update, delete or save data. This application can be used to give notification about both private and government sector job. We can also sort the data. SQL database also provide sorting according to the conditions we apply. We can search data easily as per particular year or branches or thorough the skills entered by individual. The notification will be sent in the form of plain text. This can increase the efficiency of the application. We can get a data in report format so that, if the person want hard copy of the data that can be given. The functionality it includes that we can send a message to the individual about campus drive on their personal mobile numbers. It is based on complete modular architecture. This modularity of the architecture can help us to remove or add modules in the future as a way to improve a particular feature at particular situation. This system can be used as an application for the TPO department of college as well as by any organization who deals with placements. It manages individuals' information regarding their skills and interest. Whereas this can be responsible for storing individuals information and can maintain complete data. This project is built in .NET as front end and SQL database as backend.

Index Terms- Notification, private and government sector job, efficiency, sorting, reports of data, searching, and architectural model.

1. INTRODUCTION

It is a web based application which is use to provide easy access to individuals information. It is featured with a function of "Notification" which will send the plain text message to the individual about the campus drive. All training and placement detail will be given in this application. Many applications are online but in this only the registration page is online rest of the model is offline. For sending the plaintext message admin need to be connected to the internet. As it is connected to server so internet connection is required to send message.

Individual can register themselves on this application and their data gets stored into database. The data can be used for various purposes such as for placement, training and sending notification. The data can be sort out according to the requirements passed. This provides easy access to data stored in database, no need to manually sort data.

We do not need to maintain multiple databases for various sector, we can maintain one single database which will consume complete data and further data can be fetch according to need. Recruiters do not need to sort candidate, those who are eligible will only apply.

2. EXISTING SYSTEM

The present system having certain limitations such as some T&P cell have manual work which gives rise to more human efforts. To make this work accurate and easy the way is computerization. In the current system the records was store in modified access sheets therefore sorting of particular data according to the condition is not possible. Head of department has to collect each and every student details for placements and training.

The data was not stored in particular format such as hierarchical format therefore searching for particular candidates or student's data is very difficult. Also if anyone wants to update his or her data its take a long time and complete database needs to be searched. The duplicate data was also get stored hence same data get stored multiple time. The students get notification via email or other communication medium. But those who are not connected to internet lose opportunities as to receive any mail we need internet connection.

If any company comes for interview, manually we need to sort the student which is time consuming. No data about company is stored in separate database. Because of above problems the process becomes too lengthy and more time

consuming. Reports are generated only about eligible students.

3. PROPOSED SYSTEM

This application provides easy access to the information of individual which is stored in database. Two basic things that performed are: individual can register themselves and administrator will perform certain tasks. Details are stored about every individual such as their name, contact, the area in which they are skilled, percentage, etc. Individual needs to register themselves into this application so that this data can be use further. Individual can update, save or delete their data. The administrator can perform certain operations such as he/she can send notification that is the plaintext messages, save company details into database which can be used in future, set criteria according to the recruiters need and sorted list of candidates will be generated, choose the type of job that is private or government.

Whenever any job placement offer is there the administrator can fill the criteria and can get a list of eligible candidates. The list generated is in the form of report. We can take the hardcopy of the report. If the administrator just want to take the view of all the data that is stored in database then in that case also a report is generated. Updating data can be done by both individual and administrator. Notification about any training can also be send. The database can be shown y administrator only. To send notification administrator will need the contact number of candidates, so from database administrator can choose contacts and send notification.

4. MODULES

Two main modules are: user and administrator.

In user module, user registers into the application. The data can be update and delete by the user after login done by the candidate.

Administrator module consists of following operations:

- **Login:** Administrator has unique username and password through which he will get access to application data.

Students or candidate will also have a username and password if he or she wants to update or delete the data.

- **Company:** In this, administrator can fill the company data and save it into database which can be used in future.

It can store complete data company such as name, work fields, email address, contact details and packages etc.

- **Placement:** In this, according to company requirements data can be filled which will generate list of eligible candidate and send notification.

Here, we can choose whether it's a government job or private job and that also be send in notification.

- **Notification:** Here, if other than placement information any notice need to be send that can be sent. We need to select any stream to which we need to send the data and the notice will be delivered to selected candidates.

The notification is in the form of plaintext message. Suppose there is any training program arranged and need to intimate candidates then we need to pass details and send it.

- **Data View:** If administrator wants to take a view of complete database then that can be done here. The report will be shown about complete database.

Database is visible only to the administrator so, no one can have view of it other than administrator.

(A.1)

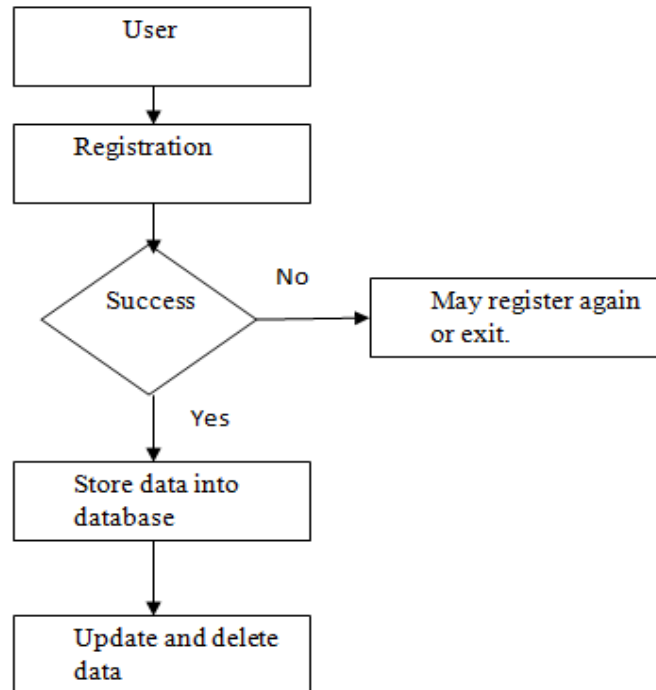


Fig1. User Data Flow Graph

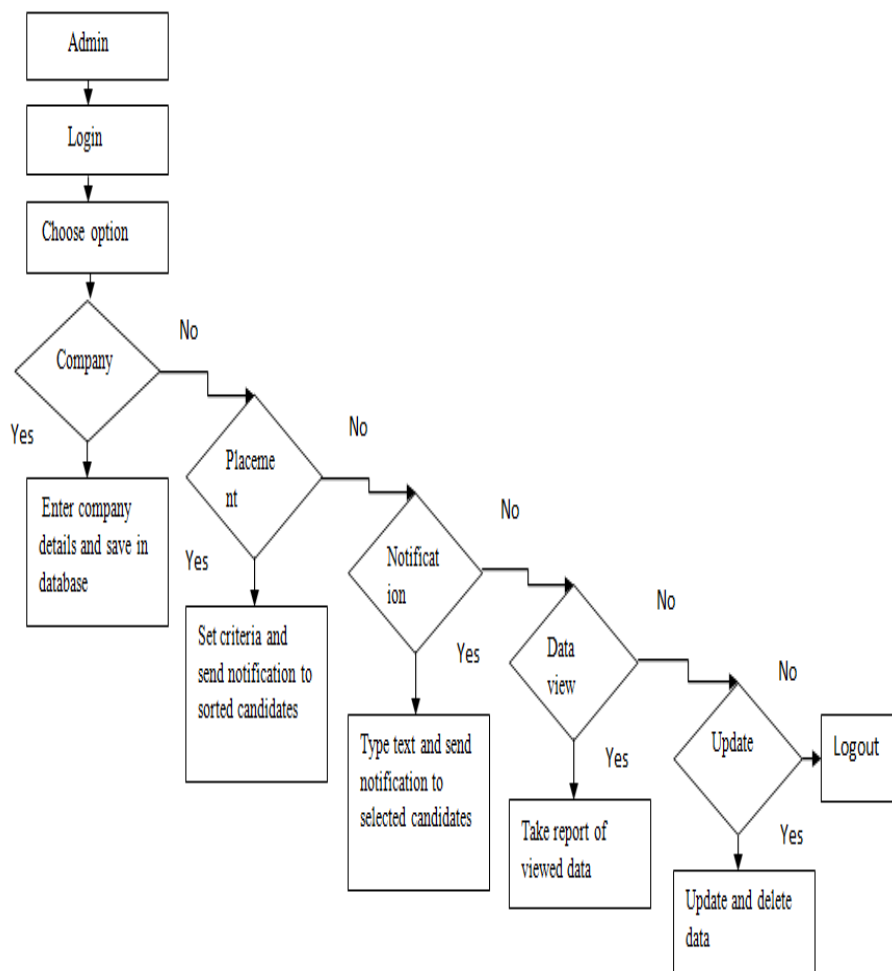


Fig2. Administrator Data Flow Graph

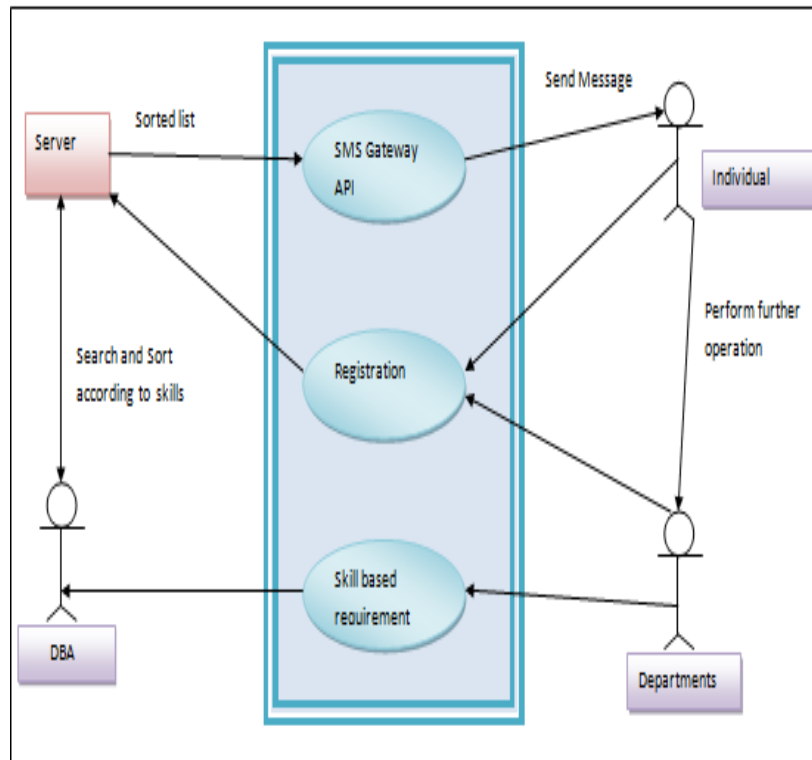


Fig3. Use Case Diagram

5. RESULTS

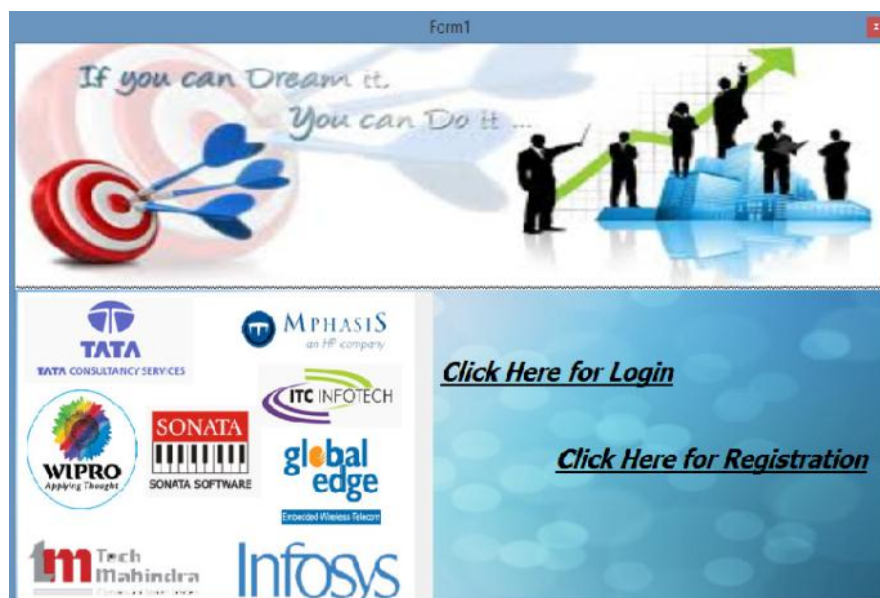
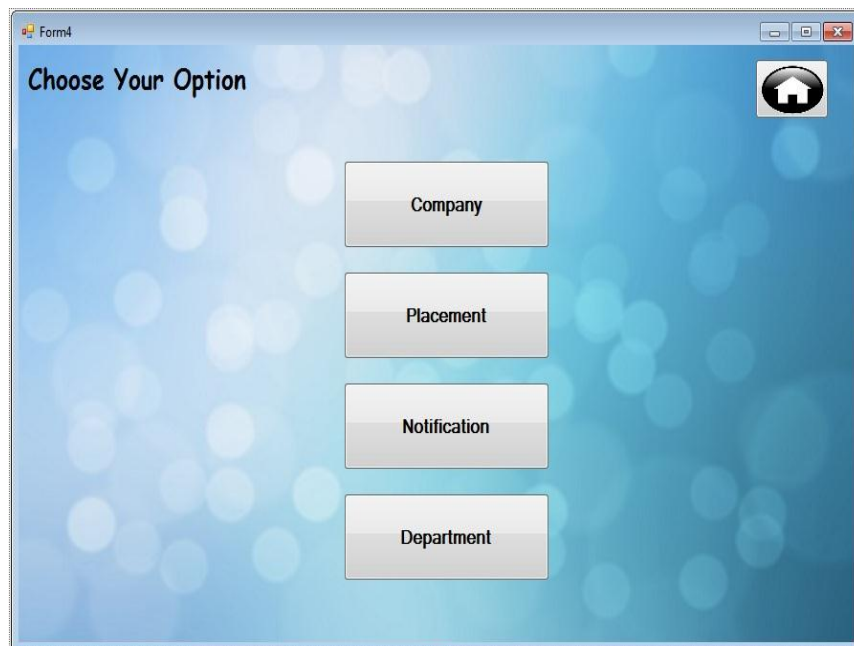


Fig a. Front Page



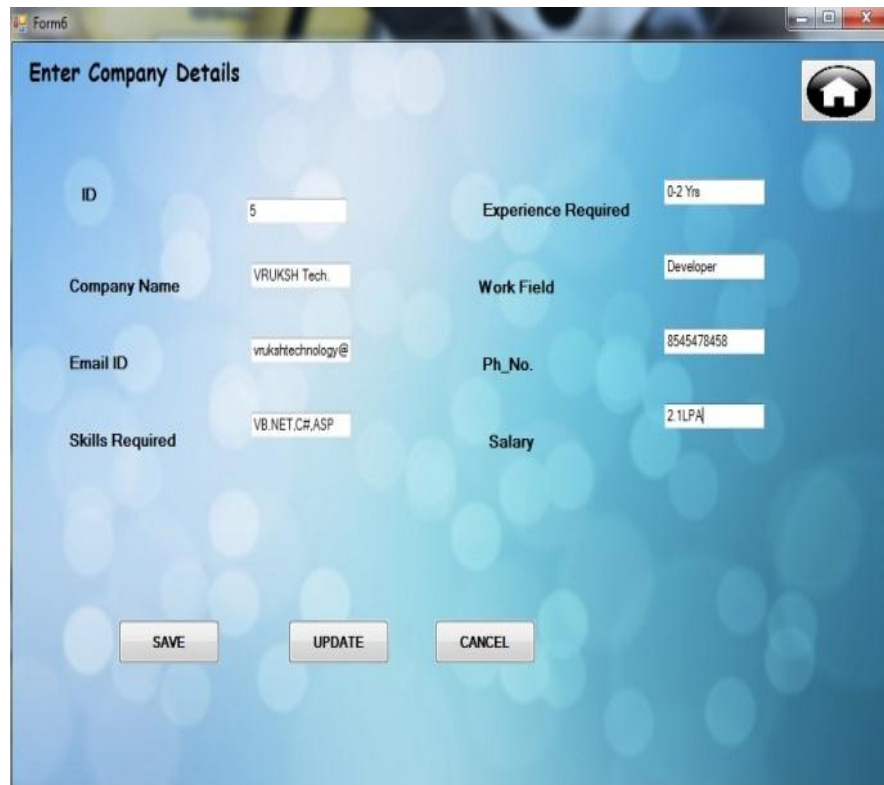
The screenshot shows a web application window titled "Form2". The background is a light blue gradient with a bokeh effect. In the top-left corner, there is a black circular button with a white left-pointing arrow. The page is divided into two main sections: "Faculty LogIn" on the left and "Student LogIn" on the right. Each section contains two input fields: "User_name" and "Password". The "Faculty LogIn" fields have the text "Admin" and "*****" respectively. Below each set of fields is a grey button labeled "Proceed".

Fig b. Login Page.



The screenshot shows a web application window titled "Form4". The background is a light blue gradient with a bokeh effect. In the top-left corner, the text "Choose Your Option" is displayed. In the top-right corner, there is a black circular button with a white house icon. The page features four vertically stacked grey buttons with the following text: "Company", "Placement", "Notification", and "Department".

Fig c. Choose Option

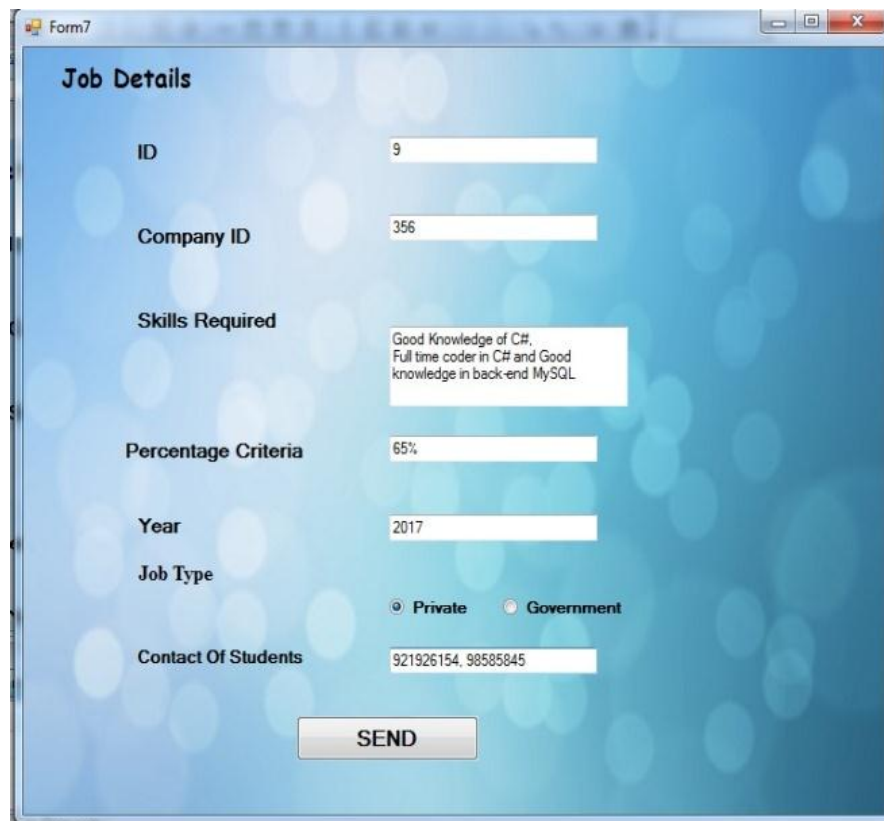


The screenshot shows a web form titled "Enter Company Details" with a blue background. The form contains the following fields and values:

Field	Value
ID	5
Company Name	VRUKSH Tech.
Email ID	vrushi@technology@
Skills Required	VB.NET,C#,ASP
Experience Required	0-2 Yrs
Work Field	Developer
Ph_No.	8545478458
Salary	2.1LPA

At the bottom of the form, there are three buttons: "SAVE", "UPDATE", and "CANCEL". A home icon is located in the top right corner.

Fig d. Enter Company details after selecting company.



The screenshot shows a web form titled "Job Details" with a blue background. The form contains the following fields and values:

Field	Value
ID	9
Company ID	356
Skills Required	Good Knowledge of C#, Full time coder in C# and Good knowledge in back-end MySQL
Percentage Criteria	65%
Year	2017
Job Type	<input checked="" type="radio"/> Private <input type="radio"/> Government
Contact Of Students	921926154, 98585845

A "SEND" button is located at the bottom center of the form.

Fig e. Enter Job Details after selecting Placement.

Student Registration

ID: 2

Name: Amit

Address: Nagpur

Email: amit123@email.com

Contact: 7878749458

Branch: IT

Sem: 8

Xth: 85%

XIIth: 75%

BE aggregate: 68.5%

Skills Required: C++,Java,VB,Net

Work Experience: 0-1 Year

Interested Field: Government Private Both

Buttons: New, Save, Update, Delete

Fig f. Registration form.

Main Report

JD College Of Engineering And Management

id	name	addr	email	contact	branch	sem	Xth	XIIth	beaogr
1	neha	mumbai	neha@gmail.com	9586548254	CSE	4	80.00	65.00	75.00
2	akshay	naqpur	akshay32@gmail.co	7878548548	CSE	6	89.00	78.00	67.00
3	nitin	naqpur	nitin452@gmail.com	9858212032	CSE	6	79.00	68.00	67.00
4	amit	naqpur	amit@gmail.com	9586548254	CSE	5	80.00	65.00	75.00
5	priya	mumbai	priya234@gmail.com	8585487546	IT	7	80.00	65.00	75.00
1	vishal	mumbai	vishal43@gmail.com	8547854514	IT	6	83.00	67.00	68.00

Fig g. Report.

6. CONCLUSION

System Training and Placement Guru is to computerize work of placements and training cells. The software stores all the requirements of company and it provide easy and effective details related to individuals skills. It generates reports that provide detail information of candidate. The notification send to individuals is via simple text message so everyone can receive message though they have internet connection or not. Reports are generated that is we can take print of the data.

(A.1)

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