CAMPUS INTERVIEW MANGMENT SYSTEM A UDP REPORT

Submitted by

Rishi.J.Koshti

Panchal Krish .M.

In partial fulfillment for the award of the diploma

Of

Diploma Engineering

In

Computer Engineering



Apollo Institute Of Engineering&Technology

(AIET)

Gujarat Technological University, Ahmedabad [2021-2022]

Gujarat Technological University, Ahmedabad [2021-2022]



CERTIFICATE

This is to certify that the Project entitled "Campus Interview Mangment System" has been carried out by Panchal Krish(Enrollment No. 194550307022), Rishi Koshti(Enrollment No. 194550307014), under my guidance in partial fulfilment for the Diploma in Computer Engineering 5th Semester of Gujarat Technological University, Ahmedabad during the academic year 2021-2022.

Date:

Place:

Internal Guide: Prof. Mahesh Makwana

Head of Department : Prof Ravikant Sir

SELF DECLARTION

This is to certify that the project work entitled "CAMPUS INTERVIEWMANAGEMENT SYSTEM" which is submitted by me in the partial fulfillment for the award of "Diploma of Computer Engineering" at "Apollo Institute Of Engineering" comprises the original work carried out by me.

I further declare that the work reported in the project has not been submitted & will not be submitted, either in part or in full award of any other diploma in this institute or any other institute or university.

Date:

Rish.J.Koshti

Panchal Krish.M.

ACKNOWLEDGEMENT

We are very delighted on the accomplishment of the project in Visual Basic 6.0, which was very educational and practically beneficial. It is due to his encouragement and persistent motivation that i could extent the scope of project to much useful data processing report. We have specially thankful to the Apollo Institute Of Engineering And Technology who helps us by his deep knowledge and practical experience in computer science, rendered all possible in fulfillment of the project and for explaining the method of approach. So system development is the pooling of talents, extends help and cooperation above as a team effort.

Rishi.J.Koshti[194550307014]

Panchal Krish.M.[194550307022]

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PREFACE

The project has been accomplished under the 3nd Year of Diploma in this project. I have tried to cover almost all the aspects of "CAMPUS INTERVIEW MANAGMENT SYSTEM". Although being an academic project. I have tried to maintain a professional attitude throughout the development of the project.

No one can claim the height of excellence nor do i. I have the courage to say that the best have been done by me. I have done my job with great core and caution. Through metriculous care has taken in compiling and printing of the material, I would like to apologize for any discrepancy that might have set in.

INTRODUCTION OF PROJECT

Capmus Placement or campus Interview is the program conducted within educational institutes or in a common place to provide jobs to students pursuing or in a stage of completing the programme. In this programme, industries visit the colleges to select students depending on their ability to work, capability, focus and aim.

There are 2 types of campus placement.

They are on-campus and off-campus.

This job placement program is conducted within a group of colleges or institute. And in this job is offered as an off campus placement.

This job placement program is for students from other institutions. This program will be conducted in a common place where students from different colleges take part.

OBJECTIVES OF THE PROJECT

The main objective of campus placement is to identify the talented and qualified professionals before they complete their education. This process reduces time for an industry to pick the candidates according to their need. It is a cumbersome activity and hence majority of the companies find it difficult to trace the right talent. Many students do not understand the importance of placement training that is being imparted, whether it is an aptitude training or soft skills.

They show the least interest in this due to various factors viz.,projects, assignments or more of activities loaded by the colleges as part of their curriculum thinking that it is not useful. It is the responsibility of the companies training on placement to make the students equipped on all aspects of career development along with creating a very good impact in them which makes them feel every minute they spend in the placement training session is worth being there and will help them in getting placed in their dream companies.

- **Least time consumption**:-Time can be conserved by eliminate the need of entering same data.
- Eliminating manual errors:-Maintaining record manually for a large number of customer of different id no's may lead to error, as in the case of computer based data maintenance.
- **Reduction in paper work:** By managing the data on computer a lot of paper work can be reduced.

DEFINITION OF PROBLEM

As we know manual system are quite tedious, time consuming and less efficient and accurate in comparison to the computerized system. So following are some advantages of the old system:

- 1. Time consuming
- 2. Less accurate
- 3. Less efficient
- **4.** Lots of paper work
- **5.** Slow data processing
- **6.** Not user friendly environment
- **7.** Difficult to keep old records

SYSTEM ANALYSIS

FEASIBILITY STUDY:-

An initial investigation terminates in a proposal that determines whether an alternative system is feasible. Feasibility study can be categorized into three major parts: -

(1) <u>TECHNICAL FEASIBILITY:-</u>

- ➤ The proposed system has technical capacity of required to hold the data.
- This project is efficient and responds quickly for various enquires regardless of number of locations.
- The system proposed could be expanded easily and Efficiency, whenever required.

(2) OPERATING FEASIBILITY STUDY:-

The MANAGEMENT of the organization has a fully supported us to bring up the project and the data security in this project provided by setting up the password procedure so that only the authorized user can access the system.

(3) OUR PROJECT IS ECONOMICAL FEASIBLE AS:-

- * It has computerized paper works and also is reduced to large extent
- * With the help of this project single person is now available to do the tasks of 5 to 7 persons.
- * Due to processing speed of then Computer, we can extract desired information's in a fraction of second.

DETAILS OF HARDWARE& SOFTWARE

HARDWARE SPECIFICATION

- ➤ **Memory:-** 2 GB RAM
- ➤ **Processor:**-Pentium(R)Dual Core CPU 2.5 GHz
- > **Disk space:-**80GB hard disk
- **Keyboard:-** Standard 101/102 or Microsoft Natural PS/2 keyboard

SOFTWARE SPECIFICATION

- > Operating system:-Window XP
- > **Application package**:-Visual basic 6.0
- ➤ Conms package:-Ms Access 2007

System Design

Structured Design is provide means for dealing with the complexity that was overwhelming developers as program grew larger. The aim of structured design is to specify modules that can be developed, written, tested, modified, and reused independently, and combined to form the final program. Good modularization is thus a primary goal.

FRONTEND AND BACKEND

VISUAL BASIC 6.0

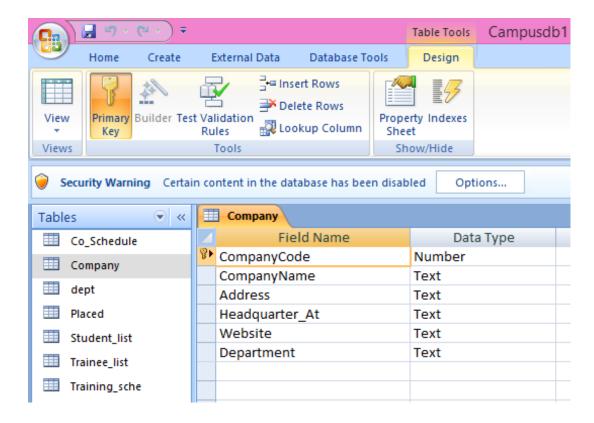
- ➤ Visual Basic is object-oriented, i.e. it removes around ready-made object & it is even driven, i.e. all the activities in a program are trigged by one event or anther. Each object has its own properties, determining its position, size, color the appearance & nature of its own event handling procedure. The vb system knows all about these already. It knows how to handling images, menu dialog boxes, drives & directory lists and much else.
- The programmer's job is to determine where, how & when an object appears on screen, what its caption reads, & what happens when an event occurs. That event might be opening of the form, the user clicking on a button or typing text into a box. The programmer does not have to write code to trap this event the system does that automatically. Because the program code run in response to events, and as at any point on a execution is not as fixed as in a traditional program. Operations do not have to follows a set sequence and can be easily interrupted, suspended or abandoned.

MICROSOFT ACCESS 2007

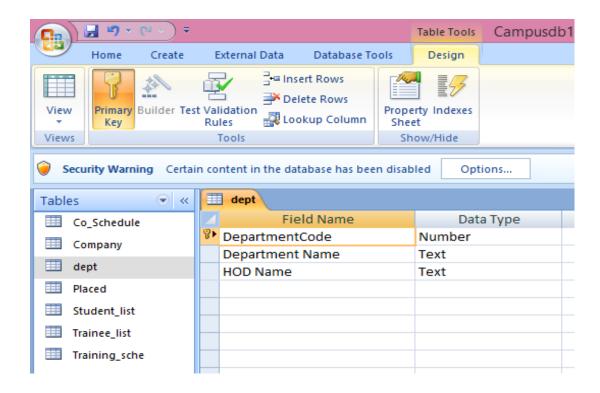
- ➤ Microsoft Access is a computer application used to create and manage computer-based databases on desktop computers and/or on connected computers (a network). Microsoft Access can be used for personal information MANAGEMENT (PIM), in a small business to organize and manage data, or in an enterprise to communicate with servers.
- Database technology is one of the most rapidly growing areas of computer and information science is a computer base is repository for stored data. While database system is a computer based record keeping system, the database MANAGEMENT system is software which is responsible for a layer between the physical database itself and the user of the system. The silver line is that the data carries all the significant and this data is manifested.
- ➤ Microsoft Access is the product of Microsoft which is a good database which all were using, it can be seen that it can store up to 70000 records, it is very useful

Data dictionary

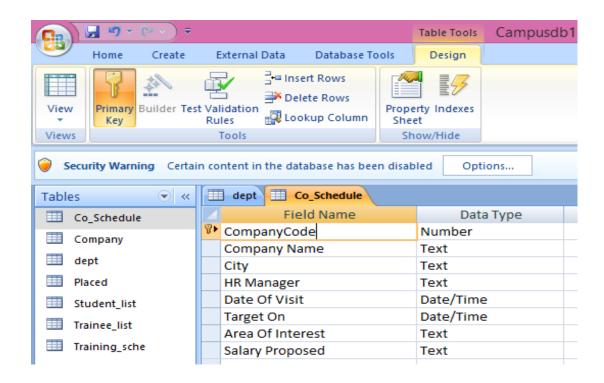
Company:-



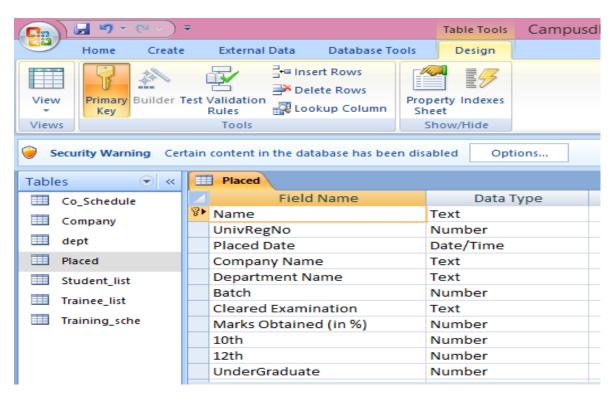
Department:-



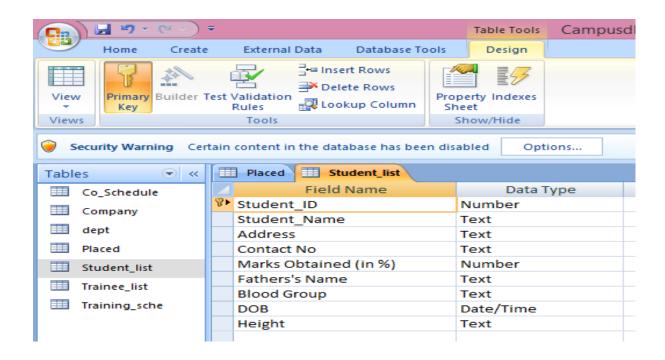
Company schedule:-



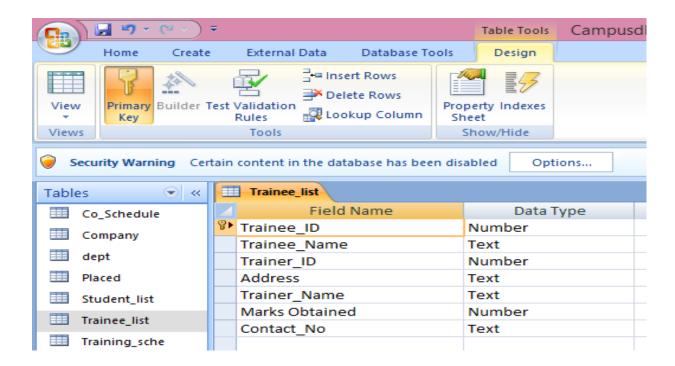
Placed student:-



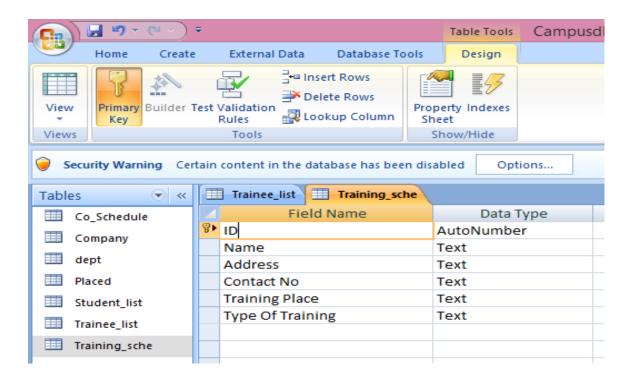
Student List:-



Trainee List:-



Training Schedule:-



E-R DIAGRAM

Conceptual ERD Symbols

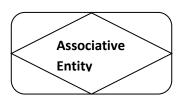
These symbols are generally used for conceptual data models, although some aspects may spill over into logical data models. They can be found in the UML entity relationship and entity relationship shape library and lucidchart. If you don't see the shape you need, use an image file (lucidchart support, .PNG, .JPG, or .SVG import) or create your own with your existing shapes and styling options.

ENTITIES

- Entities are objects or concept that represent important data. They are typically nouns, e.g. customer, supervisor, location, or promotion.
- Strong entities exist independently from other entity types. They always posses one or more attributes that uniquely distinguish each occurrence of the entity.

Entity

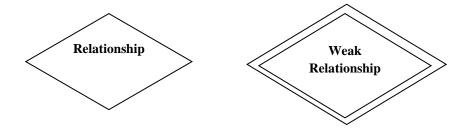




- Weak entities depend on some other entity type. They don't posses unique attributes (also known as primary key) and have no meaning in the diagram depending on other entity. This other entity is known as the owner.
- Associative entities are entities that associate the instances of one or more entity types. They also contain attributes that are unique to the relationship between those entity instances.

RELATIONSHIPS

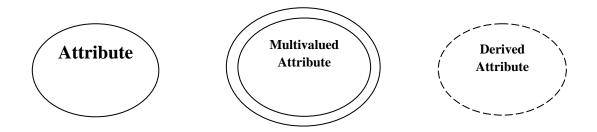
- ➤ Relationships are meaningful associations between or among entities. They are usually verbs, e.g. assign, associate, or track. A relationship provides useful information that could not be discerned with just the entity types.
- ➤ Weak relationships, or identifying relationships, are connections that exist between a weak entity type and its owner.



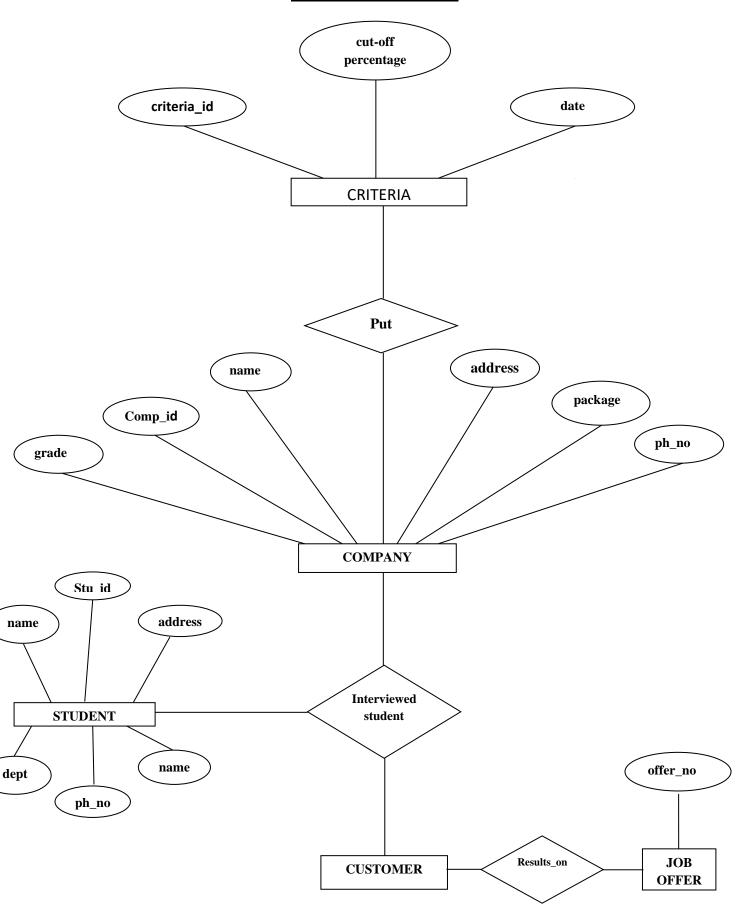
ATTRIBUTES

- ➤ **Attributes** are characterstics of either an entity, a many-to-many relationship or a one-to-one relationship.
- ➤ Multivalued attributes are those that are capable of taking on more then one value.

 Derived attributes are attributes whose value can be calculate from related attribute values.



E-R DIAGRAM



DATA FLOW DIAGRAM

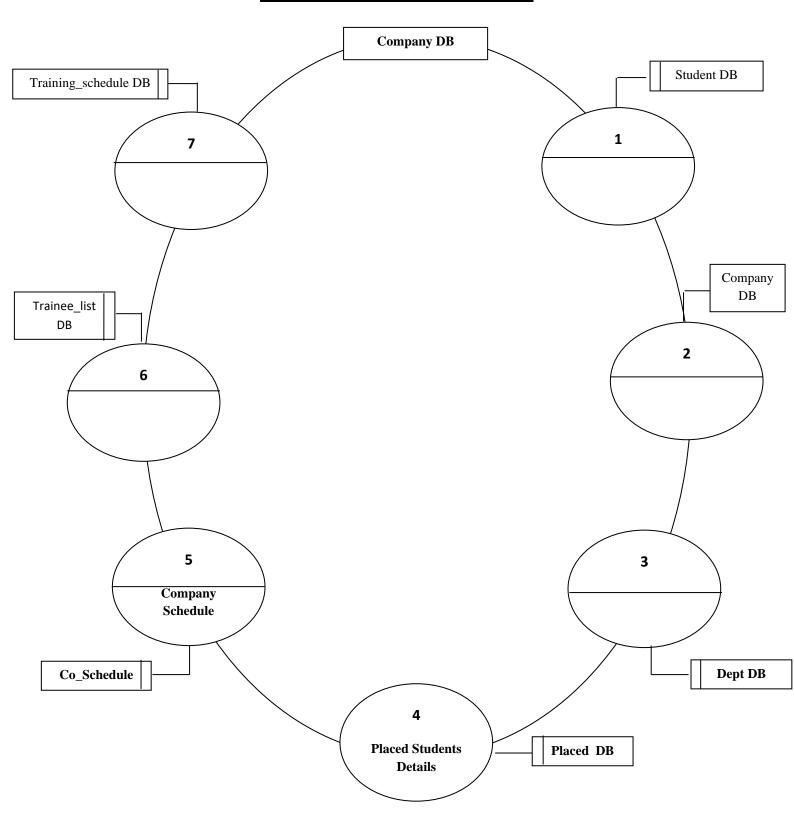
DFD is a graphical representation of data process and file used in a support system. Data flow diagram are useful tools for analyzing existing systems. Data flow diagram is network that describes flows of data and processes that changes or transforms the data throughout a system.

Data flow diagram can be expanded to show successive levels of details sufficient. Expansion should be performed during the initial investigation to be certain that both the analyst and user personnel share a common understanding of the existing system and its data flow.

The different symbols used in data flow diagram are:-

1. Circle- It is used form transfer the input to output indicate process that transfer data flow.
Rectangle with - When data is in file this symbol is used flow. Representation
Open end
3. Square - Squares indicates the sources of destination.
4. Arrows - Arrows are used to show flow of path from where it is coming & going.

DATA FLOW DIAGRAM



Form Design

Login form

		Login	×
		welcome to recruitment	Ì
CAMPUS INTERVIEW VIEWER			
USERNAME PASSWORD OK	tanuja **** Cancel	Activate Windows Go to PC settings to as	
		So to 1.0 settings to date	

Splash form



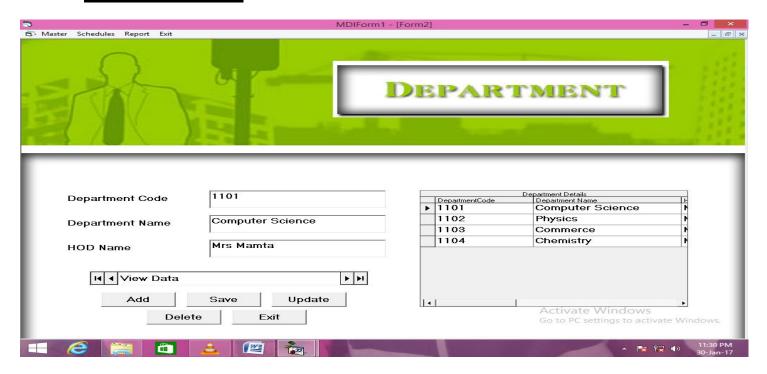
MDI Form



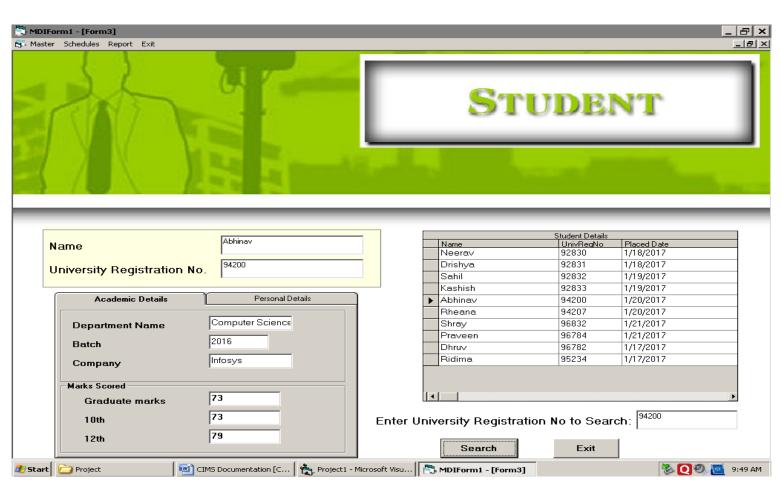
Company Form



Department Form



Student Form



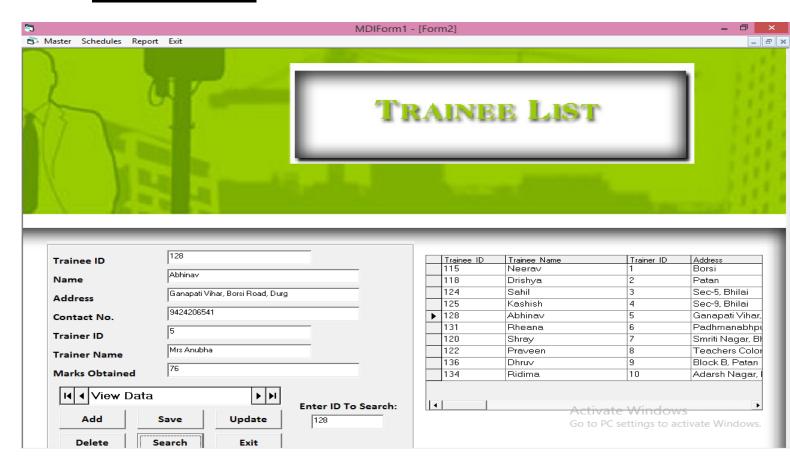
Company Schedule



Training Schedule



Trainee-List Form

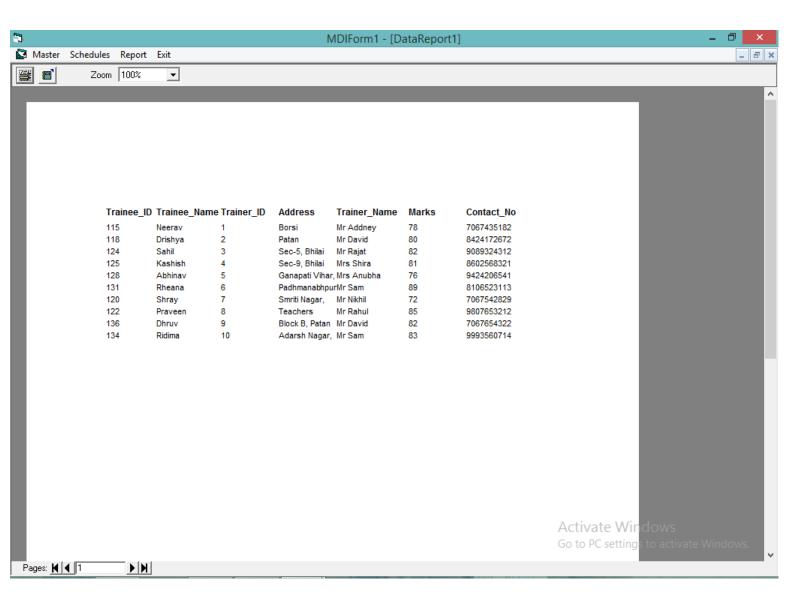


Placed Student Form

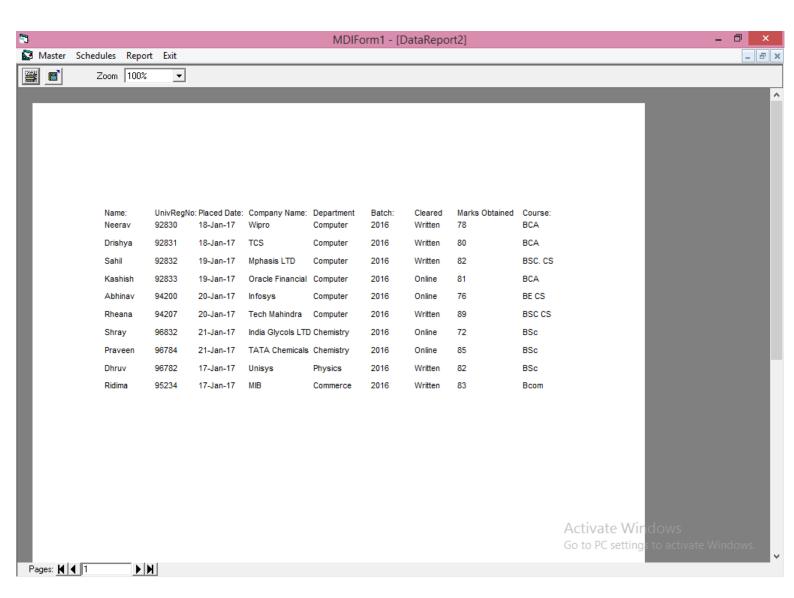


Reports

Training Student Report



PLACED Student Report



Forms coding

LOGIN FORM CODING

LoginSucceeded = False

Me.Hide

```
For OK Button:-
  Private Sub cmdOK_Click()
    If txtUser = "tanuja" And txtPassword = "soni" Then
           ("WELCOME TO THE CAMPUS INTERVIEW MANAGEMENT
  MsgBox
SYSTEM")
      Splash_form.Show
      LoginSucceeded = True
      Me.Hide
    Else
      MsgBox "Invalid Password, try again!", , "Login"
      txtPassword.SetFocus
    End If
  End Sub
  For Cancel Button:-
  Private Sub cmdCancel_Click()
```

COMPANY FORM CODE

For Save Button:-

```
Private Sub Command1_Click()
```

If Len(Text1.Text) > 5 Then

MsgBox "Invalid Code"

End If

If Len(Text3.Text) > 20 Then

MsgBox "Exceeded characters"

End If

Adodc1.Recordset.Update

Adodc1.Refresh

End Sub

For Update Button:-

Private Sub Command2_Click()

Adodc1.Recordset.Update

End Sub

For Add Button:-

Private Sub Command5_Click()

Adodc1.Recordset.AddNew

Text1.SetFocus

For Delete Button:-

Private Sub Command3_Click()

Adodc1.Recordset.Delete

End Sub

For Exit Button:-

Private Sub Command4_Click()

Unload Me

End Sub

For Search Button:-

Private Sub Command6_Click()

Adodc1.Recordset.Find "CompanyCode=" & Val(Text4.Text)

COMPANY SCHEDULE FORM CODE

Private Sub Command1_Click()
Adodc1.Recordset.Update
Adodc1.Refresh
End Sub
Private Sub Command2_Click()
Adodc1.Recordset.Update
End Sub
Private Sub Command3_Click()
Adodc1.Recordset.Delete
End Sub
Private Sub Command4_Click()
Unload Me
End Sub
Private Sub Command5_Click()
Adodc1.Recordset.AddNew
End Sub
Private Sub Command6_Click()
Adodc1.Recordset.Find "CompanyCode=" & Val(Text5.Text)
End Sub

Private Sub DTPicker1_CallbackKeyDown(ByVal KeyCode As Integer, ByVal Shift As Integer, ByVal CallbackField As String, CallbackDate As Date)

If DTPicker1.Value >= Date Then

MsgBox "Date selected is " & DTPicker1. Value

Else

MsgBox "Invalid Date Selected"

End If

DEPARTMENT FORM CODE

Private Sub Command1_Click() Adodc1.Recordset.Update End Sub Private Sub Command2_Click() Adodc1.Recordset.Update End Sub Private Sub Command3_Click() Adodc1.Recordset.Delete End Sub Private Sub Command4_Click() Unload Me End Sub Private Sub Command5_Click() Adodc1.Recordset.AddNew Text1.SetFocus End Sub

PLACED STUDENTS FORM CODE

Private Sub Command1_Click()
Adodc1.Recordset.Save
End Sub
Private Sub Command2_Click()
Adodc1.Recordset.Update
End Sub
Private Sub Command3_Click()
Adodc1.Recordset.Delete
End Sub
Private Sub Command4_Click()
Unload Me
End Sub
Private Sub Command5_Click()
Adodc1.Recordset.AddNew
End Sub
Private Sub Command6_Click()
Adodc1.Recordset.Find "UnivRegNo=" & Val(Text6.Text)
End Sub

Private Sub DTPicker1_CallbackKeyDown(ByVal KeyCode As Integer, ByVal Shift As Integer, ByVal CallbackField As String, CallbackDate As Date)

If DTPicker1.Value >= Date Then

MsgBox "Date selected is " & DTPicker1. Value

Else

MsgBox "Invalid Date Selected"

End If

End Sub

Private Sub Text5_KeyUp(KeyCode As Integer, Shift As Integer)

If Not IsNumeric(Chr(KeyCode)) Then

Text1.Text = ""

End If

TRAINEE LIST FORM CODE

Private Sub Command1_Click() Adodc1.Recordset.Update If Len(Text4.Text) < 10 Then MsgBox "Invalid mobile no" End If If Len(Text1.Text) > 5 Then MsgBox "Exceeded numbers in ID" End If Adodc1.Refresh End Sub Private Sub Command2_Click() Adodc1.Recordset.Update End Sub Private Sub Command3_Click() Adodc1.Recordset.Delete End Sub Private Sub Command4_Click() Unload Me End Sub

Private Sub Command5_Click()

Adodc1.Recordset.AddNew

Text1.SetFocus

End Sub

Private Sub Command6_Click()

Adodc1.Recordset.Find "Trainee_ID=" & Val(Text8.Text)

TRAINEE SCHEDULE FORM CODE

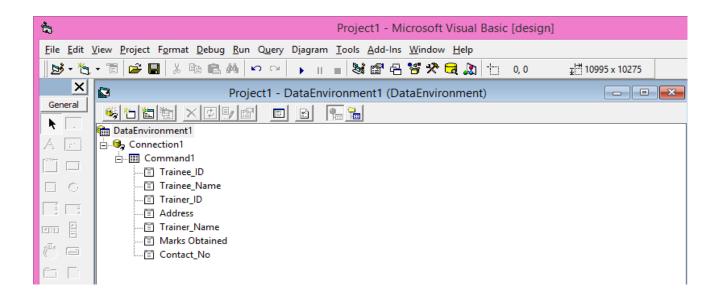
Private Sub Command1_Click(Index As Integer) Adodc1.Recordset.Update If Len(Text4.Text) < 10 Then MsgBox "Invalid mobile no" End If Adodc1.Refresh End Sub Private Sub Command2_Click() Adodc1.Recordset.Update End Sub Private Sub Command3_Click() Adodc1.Recordset.Delete End Sub Private Sub Command4_Click() Unload Me End Sub Private Sub Command5_Click() Adodc1.Recordset.AddNew End Sub

Private Sub Command6_Click()

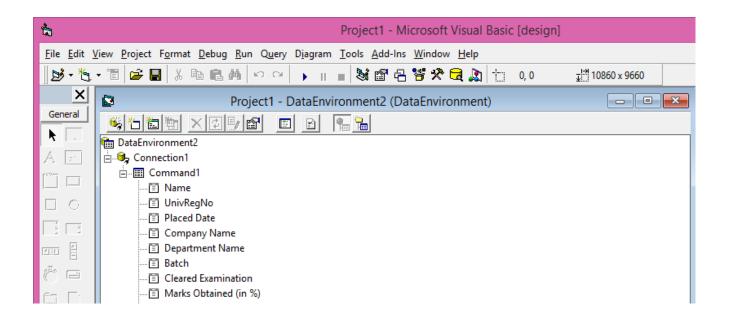
Adodc1.Recordset.Find "ID=" & Val(Text6.Text)

DATA ENVIRONMENT

For Placed Report:-



For Trainee Report:-



CONCLUSION

CONCLUSION

- Now a days computerizations of existing manual system is going on a large Scale because of versality, Speed, Accuracy and Diligence it offer to its users.
- ➤ Computer provide practical means to organize thing systematically and economically in the organization the use of computer for managing transactions, informations processing and preparation of reports can prove to be a blessing.
- The project discussion is an attempt to attain all the above said objective. Its development by man was to replace the manual system and to achieve the goal to maximum accuracy and most effciently. But like every other system might process fault to its credits and has its own limitations.

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BIBLIOGRAPHY

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 http://www.slideshare.net/Campus-Recriutment
- Images from Google http://www.google.co.in/