



## Candidate Enquiry Object:



**Candidate Enquiry Edit**

**Candidate Information**

Candidate Name

Guardian --None--

Guardian Name

Community --None--

Course

Proofs Submitted

**Available**  
Ration Card  
Aadhaar Card  
PAN Card

**Chosen**

Passport No

Gender --None--

Date Of Birth  [ 10/23/2013 ]

Father Occupation

Mother Occupation

Family Annual Income

**Educational Details**

Educational Qualification --None--

Year of Pass --None--

Passed out Organization

**Contact Details**

Mobile No

Address for Correspondence

Permanent Address

Father's Mobile No

Email

**Course Information**

Interested Course 1 --None--

Interested Course 2 --None--

Other Interested Course

Field Name	Data Type	Value
Candidate Information Section		
Candidate Enquiry No	Auto Number	CE-{0000}
Candidate Name	Text, Required	80
Guardian	Pick list	Father, Mother, Husband,

		Guardian
Guardian Name	Text, Required	80
Community	Pick list	SC, ST, BC, OC, Muslim Minority, Christian Minority, Others
Course	Look-Up	-NA-
Proofs Submitted	Multiple Pick list	Ration Card, AdhaarCard, PAN Card, Voter ID, Passport, Driving License
Passport No.	Text	30
Gender	Pick list	Male, Female
Date Of Birth	Date	--NA--
Age	Formula, Required	YEAR(Today())-YEAR(DOB)
Father Occupation	Text, Validation	Only Alphabets
Mother Occupation	Text, Validation	Only Alphabets
Family Annual Income	Currency	--NA--
Educational Details Section		
Educational Qualification	Pick list	SSC, Intermediate, Diploma, Degree, B.Tech, MBA, MCA, PG
Year Of Pass	Pick list, Required	up to 1990
Passed Out Organization	Text, Required	100
Contact Details Section		
Mobile No	Phone, Required	--NA--

Address For Correspondence	Text Area	--NA--
Permanent Address	Text Area, Required	--NA--
Father's Mobile No	Phone	NA
Email	Email	NA
Course Information Section		
InterestedCourse 1	Pick list	Core Java, Cloud Computing, Oracle Financials, Oracle ADF, Oracle DBA, Spoken English, Communication Skills, Personality Development, Tailoring, Yoga, Tally ERP
InterestedCourse 2	Pick list	Core Java, Cloud Computing, Oracle Financials, Oracle ADF, Oracle DBA, Spoken English, Communication Skills, Personality Development, Tailoring, Yoga, Tally ERP
OtherInterestedCourse	Text	100

## Student Object:



**Student Edit**

**Student Information**

Student Name

Guardian Father

Guardian Name

Community --None--

Course

Proofs Submitted

**Available**  
Ration Card  
Aadhaar Card  
PAN Card  
Voter ID Card

**Chosen**

Passport No

Gender --None--

Date Of Birth  [ 10/23/2013 ]

Father Occupation

Mother Occupation

Family Annual Income

**Educational Details**

Educational Qualification --None--

Year of Pass --None--

Passed Out Organisation

**Contact Details**

Mobile No

Address For Correspondence

Permanent Address

Father's Mobile No

Email

**Course Information**

Interested Course1 --None--

Interested Course2 --None--

Other Interested Course

Field Name	Data Type	Value
<b>Student Information Section</b>		
Student Name	Text, Required	80
Guardian	Pick list	Father, Mother, Husband, Guardian
Guardian Name	Text, Required	80

Community	Pick list	SC, ST, BC, OC, Muslim Minority, Christian Minority, Others
Course	Master-Detail	-NA-
Proofs Submitted	Multiple Pick list	Ration Card, PAN Card, Voter ID, Passport, Driving License
Passport No.	Text	30
Gender	Pick list	Male, Female
Date Of Birth	Date	--NA--
Age	Formula, Required	Today()-DOB
Father Occupation	Text, Validation	Only Alphabets
Mother Occupation	Text, Validation	Only Alphabets
Family Annual Income	Currency	--NA--
Educational Details Section		
Educational Qualification	Pick list	SSC, Intermediate, Diploma, Degree, B.Tech, MBA, MCA, PG
Year Of Pass	Pick list, Required	up to 1990
Passed Out Organization	Text, Required	100
Contact Details Section		
Mobile No	Phone, Required	--NA--
Address For Correspondence	Text Area	--NA--

Permanent Address	Text Area, Required	--NA--
Father's Mobile No	Phone	NA
Email	Email	NA
Course Information Section		
InterestedCourse 1	Pick list	Core Java, Cloud Computing, Oracle Financials, Oracle ADF, Oracle DBA, Spoken English, Communication Skills, Personality Development, Tailoring, Yoga, Tally ERP
InterestedCourse 2	Pick list	Core Java, Cloud Computing, Oracle Financials, Oracle ADF, Oracle DBA, Spoken English, Communication Skills, Personality Development, Tailoring, Yoga, Tally ERP
Other Interested Course	Text	100

## Course – Object:

**Course Edit**

Information

Course Name

Faculty

Course Timings

Course Starting Date

[ 10/23/2013 ]

Course Closing Date

[ 10/23/2013 ]

Course Intake Strength

Contact Person


Contact No

Field Name	Data type	Value
Course Id	Auto Number, Required	C Id-{0000}
Course Name	Pick List, Required	Core Java, Cloud Computing, Oracle Financials, Oracle ADF, Oracle DBA, Spoken English, Communication Skills, Personality Development, Tailoring, Yoga, Tally ERP
Faculty	Pick list	--Pick list items--
Course Timings	Pick list	--Pick list Items--
Course Starting Date	Date, Required	--NA--
Course Closing Date	Date	--NA--
Course Intake Strength	Number, Default(60)	60
Registered Strength	Rollup Summery(on Student)	--NA--



Course Duration	Formula	Course Closing Date- Course StartingDate
Contact Person	Pick List	--Pick list Items--
Contact No	Pick list	--Pick list Items--


### Lab-Object:


 Lab Edit  
**New Lab**

---


**Lab Edit** Save Save & New Cancel


**Information**


Student Id  

Course  

Date  [ 8/25/2013 ]


Attendance  

In-Time  


System No.  

Task Assigned

Faculty Name

Performance  

Remarks

Out-Time  

Field Name	Data type	Value
Lab No	Auto Number, Required	L-{00000}
Student Id	Master-Detail Relationship, Required	Pick from list
Student Name	Formula, Required	Student Name(Student)

Course	Pick list, Required	Core Java, Cloud Computing, Oracle Financials, Oracle ADF, Oracle DBA, Spoken English, Communication Skills, Personality Development, Tailoring, Yoga, Tally ERP
Date	Date(Default-Today)	Select Date
Attendance	Pick list, Required	Present, Absent
In-Time	Pick list	Time Values
System No	Pick list	1-25
Task Assigned	Text Area(Long)	--NA--
Faculty Name	Text, Required	80 chars
Performance	Pick list	10%,20%,...100%
Remarks	Text Area(Long)	--NA--
Out-Time	Pick list	Time Values

### Attendance:



**Attendance Edit**
Save Save & New Cancel

**Information**

Student Id

Batch --None--

Attendance ☐

Save Save & New Cancel

Attendance Id	Auto Number	A-{000}
Student Name	Master-Detail(Student)	Lookup
Batch	Picklist	Batch 1,Batch2
Attendance	Checkbox	Unchecked

## Validations:

### 1)On 'Candidate Enquiry' Object:

Rule#1

Rule Name	Candidate_Mobile_No_Val_Rule	Active	✓
Error Condition Formula	AND( NOT(REGEX( Mobile_No__c , "\d*?(\\d\\d*?){10}"))		
Error Message	THE MOBILE NUMBER SHOULD NOT CONTAIN ANY CHARACTER PLEASE ENTER VALID MOBILE NO	Error Location	Mobile No

Rule#2

Rule Name	Candidate_Name_Val_Rule	Active	✓
Error Condition Formula	NOT(REGEX( Candidate_Name__c , "[a-z A-Z]*\$"))		
Error Message	ENTER THE VALID NAME IT SHOULD NOT CONTAIN ANY NUMBERS OR SPECIAL CHARACTERS	Error Location	Candidate

Rule#3

Rule Name	Passport_No_Val_Rule	Active	✓
Error Condition Formula	AND( NOT(REGEX( Passport_No__c , "\d*?(\\d\\d*?){20}")), (REGEX( Passport_No__c , "[a-z A-Z]*\$"))		
Error Message	THE PASS PORT NO SHOULD NOT CONTAIN ANY SPECIAL CHARACTERS	Error Location	Passport No

### 3)On 'Student' Object:

Rule#1

Rule Name	Student_name_rule	Active	✓
Error Condition Formula	NOT ( REGEX( Student_Name__c , "[a-z A-Z]*\$") )		
Error Message	Candidate name should contain alphabets only.	Error Location	Top of Page

Rule#2

Rule Name	Father_Occupation_Rule	Active	✓
Error Condition Formula	NOT ( REGEX( Father_Occupation__c , "[a-z A-Z]*\$") )		
Error Message	Only Alphabets are allowed for "Father Occupation" field.	Error Location	Top of Page

Rule#1

Rule Name	Registered_Strength_Rule	Active	✓
Error Condition Formula	Course__r.Course_Intake_Strength__c < Course__r.Registered_Strength__c		
Error Message	The seats for the selected Course is filled. Please select another course.	Error Location	Top of Page

## Search Layouts for the Candidate Enquiry Object:

### Search Layouts

Action	Layout	Columns Displayed
Edit	Search Results	Candidate Enquiry No
Edit	Lookup Dialogs	Candidate Enquiry No, Candidate Name, Guardian, Guardian Name, Date Of Birth, Educational Qualification, Year of Pass, Passed out Organization
Edit	Lookup Phone Dialogs	Candidate Enquiry No, Father's Mobile No, Mobile No
Edit	Candidate Enquiries Tab	Candidate Enquiry No, Candidate Name, Guardian, Guardian Name, Date Of Birth, Educational Qualification, Year of Pass, Passed out Organization
Edit	Candidate Enquiries List View	N/A
Edit	Search Filter Fields	

## Search Layouts for the Student Object:

### Search Layouts

Action	Layout	Columns Displayed
Edit	Search Results	Student Name, Guardian Name, Educational Qualification, Year of Pass, Mobile No, Interested Course1, Created Date
Edit	Lookup Dialogs	Student Name, Guardian Name, Educational Qualification, Year of Pass, Mobile No, Interested Course1, Created Date
Edit	Lookup Phone Dialogs	Student Name, Guardian Name, Educational Qualification, Year of Pass, Mobile No, Interested Course1, Created Date
Edit	Students Tab	Student Name, Guardian Name, Educational Qualification, Year of Pass, Mobile No, Interested Course1, Created Date
Edit	Students List View	N/A
Edit	Search Filter Fields	Student Name, Guardian Name, Educational Qualification, Year of Pass, Mobile No, Interested Course1, Created Date

## Search Layouts for the Course Object:

Search Layouts		
Action	Layout	Columns Displayed
Edit	Search Results	Course Id, Course Name, Faculty, Course Starting Date, Course Closing Date, Course Timings, Course Duration, Course Intake Strength, Registered Strength
Edit	Lookup Dialogs	Course Id, Course Name, Faculty, Course Timings, Course Starting Date, Course Closing Date, Course Duration, Course Intake Strength
Edit	Lookup Phone Dialogs	Course Id, Course Name, Faculty, Course Starting Date, Course Closing Date, Course Duration, Course Intake Strength, Course Timings, Registered Strength
Edit	Courses Tab	Course Id, Course Name, Faculty, Course Timings, Course Starting Date, Course Closing Date, Course Duration, Course Intake Strength
Edit	Courses List View	N/A
Edit	Search Filter Fields	Course Id, Course Name, Faculty, Course Starting Date, Course Closing Date, Course Duration, Course Intake Strength, Course Timings, Contact Person

## Search Layouts for the Lab Object:

Search Layouts		
Action	Layout	Columns Displayed
Edit	Search Results	Lab No., Course, Student Name, Date, Attendance, Faculty Name, System No., In-Time, Out-Time
Edit	Lookup Dialogs	Lab No., Course, Student Name, Date, Attendance, Faculty Name, System No., In-Time, Out-Time
Edit	Lookup Phone Dialogs	Lab No., Course, Student Name, Date, Attendance, Faculty Name, System No., In-Time, Out-Time
Edit	Labs Tab	Lab No., Course, Student Name, Date, Attendance, Faculty Name, System No., In-Time, Out-Time
Edit	Labs List View	N/A
Edit	Search Filter Fields	Lab No., Course, Student Name, Date, Attendance, Faculty Name, System No., In-Time, Out-Time

## Search Layouts for the Attendance Object:

Search Layouts		
Action	Layout	Columns Displayed
Edit	Search Results	Attendance Id, Student Name, Batch, Attendance
Edit	Lookup Dialogs	Record ID, Attendance Id, Student Name, Batch
Edit	Lookup Phone Dialogs	Attendance Id
Edit	Attendances Tab	Record ID, Attendance Id, Student Name, Batch
Edit	Attendances List View	N/A
Edit	Search Filter Fields	Attendance Id, Student Name, Batch, Attendance

## WORK FLOW Rules



## 1) Sending Email to Faculties when student continuously absent for the lab for two days and when student present:

### Email Template:

Text Email Template

### Lab Rule Email Template

« Back to List: Custom Object Definitions

Preview your email template below.

Email Template Detail		Edit	Delete	Clone
Folder	Unfiled Public Email Templates			
Email Template Name	Lab Rule Email Template			
Template Unique Name	Lab_Rule_Email_Template			
Encoding	General US & Western Europe (ISO-8859-1, ISO-LATIN-1)			
Author	<a href="#">SEW TRUST</a> <a href="#">[Change]</a>			
Description				
Created By	<a href="#">SEW TRUST</a> , 8/24/2013 2:37 AM			
		Edit	Delete	Clone

---

Email Template	Send Test and Verify Merge Fields
<b>Subject</b> {!Lab__c.Student_Name__c} is Absent for the {!Lab__c.Lab_Name__c} lab for 2 days.	
<b>Plain Text Preview</b>	
Dear {!Lab__c.Faculty_Name__c} Sir,	
The student with the following details is absent for the lab for the last two days.	
Student Name: {!Lab__c.Student_Name__c}	
Lab Name: {!Lab__c.Lab_Name__c}	
Regards, Swasakti	

### Workflow Rule:

Workflow Rule
lab rule
[Back to List: Workflow Rules](#)
[Help for this Page](#)

Workflow Rule Detail
Edit Clone Deactivate

Rule Name	lab rule	Object	Lab
Active	<input checked="" type="checkbox"/>	Evaluation Criteria	Evaluate the rule when a record is created
Description			
Rule Criteria	Student_Id_rLab_Absent__c >= 2		
Created By	SEW TRUST 8/24/2013 1:51 AM	Modified By	SEW TRUST 8/24/2013 4:28 AM

: 'Lab\_Absent\_\_c' is a Roll-up summary field.

Workflow Actions
Edit

Immediate Workflow Actions

Type	Description
Email Alert	Lab Absent Email Alert
Field Update	Update Lab Attendance to Present

Sir, plz check it. i've tested n think it meets our requirement.

Updating has to perform on this workflow with the condition(Last Modified >2).

-----DEVELOPMENT PART-----

## APEX TRIGGER FOR SENDING EMAILs to Candidate Email list when a new course is created:

```
trigger newCourseEmail on Course__c (after
insert){ list<String> emailid=new list<String>();

list<Candidate_Enquiry__c> address1 =[select Candidate_Name__c, Email__c from Candidate_Enquiry_c];
list<Messaging.SingleEmailMessage> singleEmailMessageList = new List<Messaging.SingleEmailMessage>();

for(Candidate_Enquiry_c c:address1){

    if(c.Email__c != null){
        emailid.add(c.Email__c);
    }
}

for(Course_c obj: trigger.new){

    Messaging.SingleEmailMessage m=new Messaging.SingleEmailMessage();
    m.setToAddresses(emailid);
    m.setSubject(obj.Course_Name_c +' is starting');
    m.setPlainTextBody('Dear '+ 'Candidate' +', The following course is starting shortly in our institute.'+
''+
'Course Name: '+ obj.Course_Name_c+
'Course Starting Date :'+obj.Course_Starting_Date_c+
'Course Closing Date: '+obj.Course_Closing_Date__c+
'Course Duration: '+obj.Course_Duration_c+
'Faculty :'+obj.Faculty_c+
''+
' Regards,Swasakti. ');
    singleEmailMessageList.add(m);
}

if(singleEmailMessageList != null && singleEmailMessageList.size() >
0){ Messaging.sendEmail(singleEmailMessageList);
}
```



```
}
```

### **Developing a Visualforce Page to Access the Students and to Process the Daily Attendance:**

```
<apex:page standardController="Student__c" extensions="xyz" recordSetVar="student"
tabstyle="Student_c" showHeader="false" sidebar="false">

    <apex:sectionHeader title="SWASAKTI" subTitle="Students Attendance
System"/> <apex:form >

    <center>

    <apex:outputLabel >Course :</apex:outputLabel>

    <apex:selectList id="one" size="1">

        <apex:selectOption itemValue="Cloud Computing" itemLabel="Cloud
Computing"/> <apex:selectOption itemValue="Core Java" itemLabel="Core
Java"/> <apex:selectOption itemValue="Tailoring" itemLabel="Tailoring"/>
        <apex:selectOption itemValue="Oracle Financials" itemLabel="Oracle
Financials"/> <apex:selectOption itemValue="Oracle ADF" itemLabel="Oracle
ADF"/> <apex:selectOption itemValue="Oracle DBA" itemLabel="Oracle DBA"/>
        <apex:selectOption itemValue="Spoken English" itemLabel="Spoken English"/>
        <apex:selectOption itemValue="Communication Skills" itemLabel="Communication Skills"/>
        <apex:selectOption itemValue="Personality Development" itemLabel="Personality
Development"/> <apex:selectOption itemValue="Yoga" itemLabel="Yoga"/>
        <apex:selectOption itemValue="Tally ERP" itemLabel="Tally
ERP"/> </apex:selectList></center>

    <apex:pageBlock >

        <apex:pageBlockSection >

            <apex:pageBlockTable id="two" value="{!student}" var="a" columnsWidth="50px,50px"
cellpadding="14" border="4">

                <apex:column value="{!a.Name}"/>

                <apex:column headerValue="Attendance">

                    <apex:inputCheckbox value="{!a.Name}">

                        <apex:actionSupport event="onClick" action="{!GetSelected}"
rerender="Selected_PBS"/> </apex:inputCheckbox>

                    </apex:column>
```

&lt;/apex:pageBlockTable&gt;

&lt;/apex:pageBlockSection&gt;

```
<center><apex:commandButton value="Save"/></center>
```

&lt;/apex:pageBlock&gt;

&lt;/apex:form&gt;

&lt;/apex:page&gt;

SWA SAKTI

Students Attendance System

Course : Cloud Computing

Student Name	Attendance
abc	<input type="checkbox"/>
adi	<input type="checkbox"/>
adithi	<input type="checkbox"/>
aditya	<input type="checkbox"/>
anu	<input type="checkbox"/>
fdhfgchjlllllllg	<input type="checkbox"/>
ghd	<input type="checkbox"/>
hjasgdfasghda	<input type="checkbox"/>
hjhnbm	<input type="checkbox"/>
jntqas	<input type="checkbox"/>
jntj	<input type="checkbox"/>
jsdjkashk	<input type="checkbox"/>
kanni	<input type="checkbox"/>
kesav	<input type="checkbox"/>
kittu	<input type="checkbox"/>
laxmi	<input type="checkbox"/>
lucky	<input type="checkbox"/>
maddy	<input type="checkbox"/>
madu	<input type="checkbox"/>
maduri	<input type="checkbox"/>

Save

### Moving a Record from Candidate Enquiry to the Student Object:

**For this we have done several steps,**

**1)Goto Candidate Enquiry list and Click on the record you want to move from Candidate Enquiry to the Student Object, as shown below.**

Candidate Enquiry  
CE-0075  
« Back to List: Users

Edit Layout | Printable V

**Candidate Enquiry Detail**

Edit Delete Clone **Save To Student**

**Click Here to Move this record to Student**

▼ Candidate Information

Candidate Enquiry No	CE-0075	Gender	Male
Candidate Name	Sreenu	Date Of Birth	9/23/1989
Guardian	Father	Age	24
Guardian Name	Rama Kotaiah	Father Occupation	Farmer
Community	BC	Mother Occupation	House Wife
Course	C Id-0091	Family Annual Income	\$100,000.00
Proofs Submitted	PAN Card		
Passport No			

▼ Educational Details

Educational Qualification	B.Tech
Year of Pass	2011
Passed out Organization	Prakasam Engineering College

▼ Contact Details

Mobile No	(889) 764-6589	Father's Mobile No	918897646589
Address for Correspondence	Yousufguda, Hyderabad	Email	srinusforce@gmail.com
Permanent Address	Markapur, Prakasam District, AP.		

▼ Course Information

Interested Course 1	Cloud Computing	Other Interested Course	Animation
Interested Course 2	Core Java		

Edit Delete Clone Save To Student

**Create a Visualforce Page to Hold this data and Redirect to the Student object,**

```
<apex:page StandardController="Candidate_Enquiry_c" Extensions="redirect_student">
```

```
  <apex:sectionHeader title="Candidate Enquiry Edit" subtitle="New Candidate Enquiry"/> <apex:form >
```

```
  <apex:outputLink value="{!URLFOR($Action.Candidate_Enquiry_c.New)}">
```

```
    <h4>Create New Candidate</h4>
```

```
  </apex:outputLink>
```

```
  <apex:pageBlock >
```

```
    <apex:pageBlockSection title="Candidate Information" collapsible="false">
```

```
      <apex:inputField value="{!Candidate_Enquiry_c.Candidate_Name_c}"/>
```

```
      <apex:inputField value="{!Candidate_Enquiry_c.Gender_c}"/>
```

```
      <apex:inputField value="{!Candidate_Enquiry_c.Guardian_c}"/>
```

```
      <apex:inputField value="{!Candidate_Enquiry_c.Date_Of_Birth_c}"/>
```

```
      <apex:inputField value="{!Candidate_Enquiry_c.Guardian_Name_c}"/>
```

```
      <apex:inputField value="{!Candidate_Enquiry_c.Father_Occupation_c}"/>
```

```

<apex:inputField value="{!Candidate_Enquiry_c.Community_c}"/>
<apex:inputField value="{!Candidate_Enquiry_c.Mother_Occupation_c}"/>
<apex:inputField value="{!Candidate_Enquiry_c.Course_c}"/> <apex:inputField
value="{!Candidate_Enquiry_c.Family_Annual_Income_c}"/>
<apex:inputField value="{!Candidate_Enquiry_c.Proofs_Submitted_c}"/><br></br>
<apex:inputField value="{!Candidate_Enquiry_c.Passport_No_c}"/>
</apex:pageBlockSection>

<apex:pageBlockSection title="Educational Details" collapsible="false" columns="1">
    <apex:inputField value="{!Candidate_Enquiry_c.Educational_Qualification_c}"/>
    <apex:inputField value="{!Candidate_Enquiry_c.Year_of_Pass_c}"/>
    <apex:inputField value="{!Candidate_Enquiry_c.Passed_out_Organization_c}"/>
</apex:pageBlockSection>

<apex:pageBlockSection title="Contact Details" collapsible="false">
    <apex:inputField value="{!Candidate_Enquiry_c.Mobile_No_c}"/>
    <apex:inputField value="{!Candidate_Enquiry_c.Father_Mobile_No_c}"/>
    <apex:inputField value="{!Candidate_Enquiry_c.Address_for_Correspondence_c }"/>
    <apex:inputField value="{!Candidate_Enquiry_c.Email_c}"/>
    <apex:inputField value="{!Candidate_Enquiry_c.Permanent_Address_c}"/>
</apex:pageBlockSection>

<apex:pageBlockSection title="Course Information" collapsible="false">
    <apex:inputField value="{!Candidate_Enquiry_c.Interested_Course_1_c}"/>
    <apex:inputField value="{!Candidate_Enquiry_c.Other_Interested_Course_c}"/>
    <apex:inputField value="{!Candidate_Enquiry_c.Interested_Course_2_c}"/>
</apex:pageBlockSection>

```

```
<center> <apex:commandButton action="{!records}" value="SAVE to student"/> </center>

<center><apex:commandButton action="{!redirect}"
value="go" timeout="200"/></center>

</apex:pageBlock>

</apex:form>

</apex:page>
```

#### Controller:

```
public class redirect_student
{
    String recordId;

    public redirect_student() {
    }

    public redirect_student(ApexPages.StandardController controller)
    {
        //recordId = controller.getId();
    }

    public static void records()
    {
        saveRecord();
        PageReference save;
    }
}
```

```

public static void saveRecord()
{
    List <Candidate_Enquiry_c> ce =[select id, Address_for_Correspondence_c, Age_c,
    Candidate_Name_c, Community_c, Course_c, Date_Of_Birth_c,
    Educational_Qualification_c,
    Email_c, Employment_Registration_No_c, Employment_Status_c,
    Family_Annual_Income_c, Father_Mobile_No_c,
    Father_Occupation_c, Gender_c, Guardian_c, Guardian_Name_c,
    Interested_Course_1_c, Interested_Course_2_c,
    Martial_Status_c, Mobile_No_c, Mother_Occupation_c, Other_Interested_Course_c,
    Passed_out_Organization_c,
    Passport_No_c, Permanent_Address_c, Proofs_Submitted_c, Year_of_Pass_c from
    Candidate_Enquiry_c where id=:ApexPages.currentPage().getParameters().get('ID')];

    List<Student_c> stu=new List<Student_c>();

    Student_c s;

    for(Candidate_Enquiry_c c : ce)
    {
        s = new Student_c(Name=c.Candidate_Name_c,
        Address_For_Correspondence_c=c.Address_for_Correspondence_c,
        Community_c=c.Community_c, Course_c=c.Course_c,
        Date_Of_Birth_c=c.Date_Of_Birth_c,
        Educational_Qualification_c=c.Educational_Qualification_c, Email_c=c.Email_c,
        Family_Annual_Income_c=c.Family_Annual_Income_c,
        Father_Mobile_No_c=c.Father_Mobile_No_c,
        Father_Occupation_c=c.Father_Occupation_c, Gender_c=c.Gender_c,
        Guardian_c=c.Guardian_c,
        Guardian_Name_c=c.Guardian_Name_c,
        Interested_Course1_c=c.Interested_Course_1_c,

```

```

Permanent_Address_c=c.Permanent_Address_c, Year_of_Pass_c=c.Year_of_Pass_c,
Passport_No_c=c.Passport_No_c, Proofs_Submitted_c=c.Proofs_Submitted_c,
Interested_Course_2_c=c.Interested_Course_2_c,
Other_Course_Interested_c=c.Other_Interested_Course_c,

Mobile_No_c=c.Mobile_No_c, Mother_Occupation_c=c.Mother_Occupation_c,
Passed_Out_Organisation_c=c.Passed_out_Organization_c );

stu.add(s);

database.insert(stu);

delete ce;

}

}

public PageReference redirect()

{

try {

PageReference customPage = new PageReference
('https://ap1.salesforce.com/a00?fcf=00B90000004OTGB');

customPage.setRedirect(true);

// customPage.getParameters().put('id', recordId);

return customPage;

}

catch (DMLException e)

{

ApexPages.addMessage(new ApexPages.message(ApexPages.severity.ERROR,
'Error creating new account.'));

return null;

}

}

```

Candidate Enquiry Edit  
New Candidate Enquiry

Create New Candidate

Candidate Information	
Candidate Name	Green
Gender	Male
Guardian	Father
Date Of Birth	9/23/1989 [10/23/2013]
Guardian Name	Rama Kotaiah
Father Occupation	Farmer
Community	BC
Mother Occupation	House Wife
Course	C Id-0091
Family Annual Income	100,000.00
Proofs Submitted	<div>Available</div> <div> <input type="checkbox"/> Ration Card  <input type="checkbox"/> Aadhaar Card  <input type="checkbox"/> Voter ID </div> <div>Chosen</div> <div> <input type="checkbox"/> PAN Card </div>
Passport No	
Educational Details	
Educational Qualification	B Tech
Year of Pass	2011
Passed out Organization	Prakasam Engineering Co
Contact Details	
Mobile No	(889) 764-6589
Father's Mobile No	918897646589
Address for Correspondence	Yousufguda, Hyderabad
Email	srinusforce@gmail.com
Permanent Address	Marlapur, Prakasam District AP.
Course Information	
Interested Course 1	Cloud Computing
Other Interested Course	Animation
Interested Course 2	Core Java
<div>SAVE to student</div> <div>go</div>	

Then, Click on the 'Save To Student' button, after reload the page immediately click on the 'GO' button. Then, the record is moved to the Student object and saved.

The Entire project will cover majorly, three scenarios.

- 1) Moving record from Candidate Enquiry to Student.
- 2) Sending Emails to all Candidates when a new course is created.
- 3) Sending Emails to Faculty when student being absent for the lab for more than 2 days.
- 4) Attendance System.