Develop Student Project with the 8 Steps of Application Development

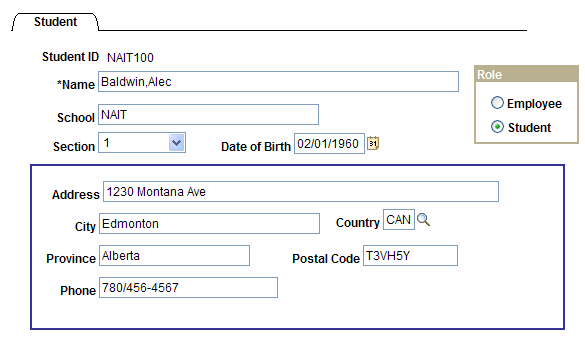
# 1. Design the application

HCM 9.0 - NAIT 1

Database: HRNAIT01

Project: NAIT###\_STUDENT

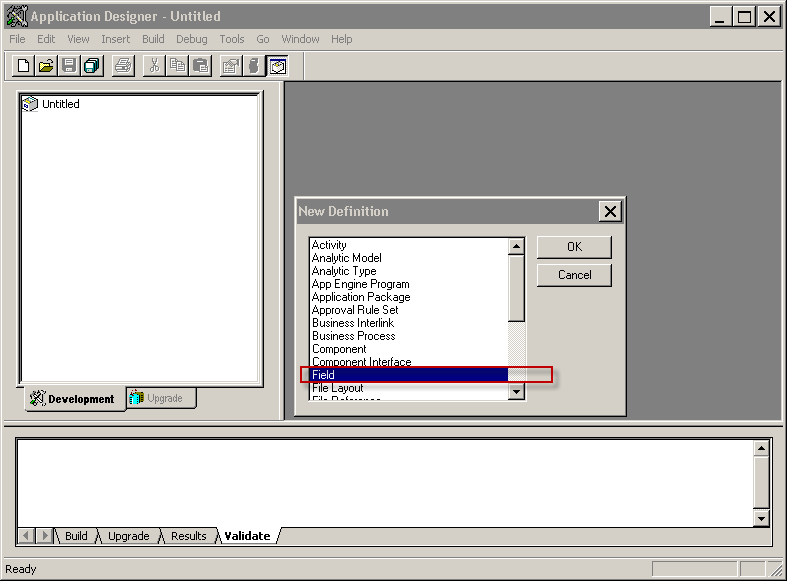
MENU > BAIST > NAIT###>Student



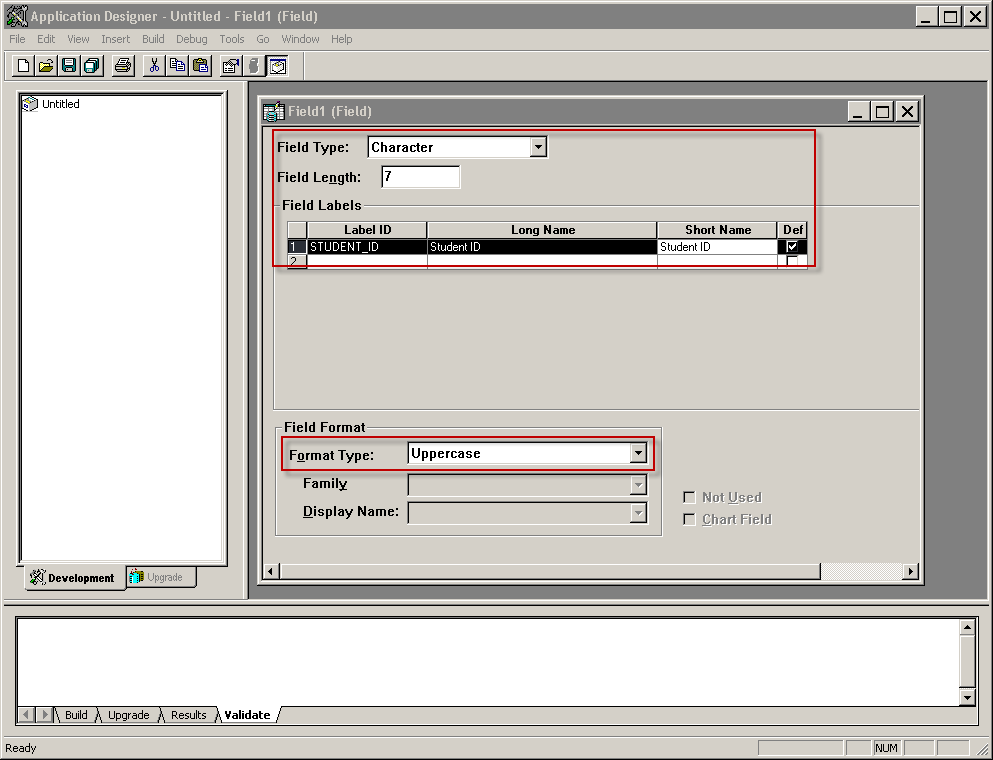
# 2. Define new fields

Cerate Student ID field

File > New > Field



|  |  |
| --- | --- |
| 1. Field Type: Character | 4. Long Name: Student ID |
| 1. Field Length: 7 | 5. Short Name: Student ID |
| 1. . Label ID: STUDENT\_ID | 6. Format Type: Uppercase |



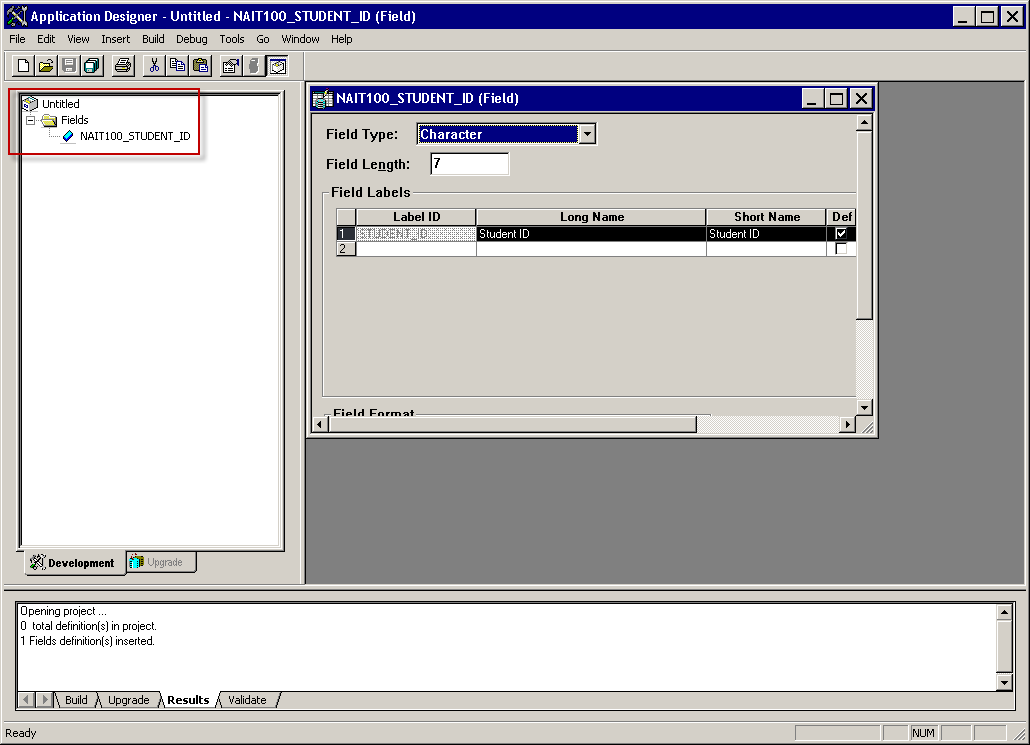
File > Save

Field Name: NAIT###\_STUDENT\_ID

Click: OK (Label ID is now greyed-out)

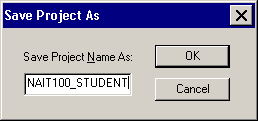
Insert Field into project

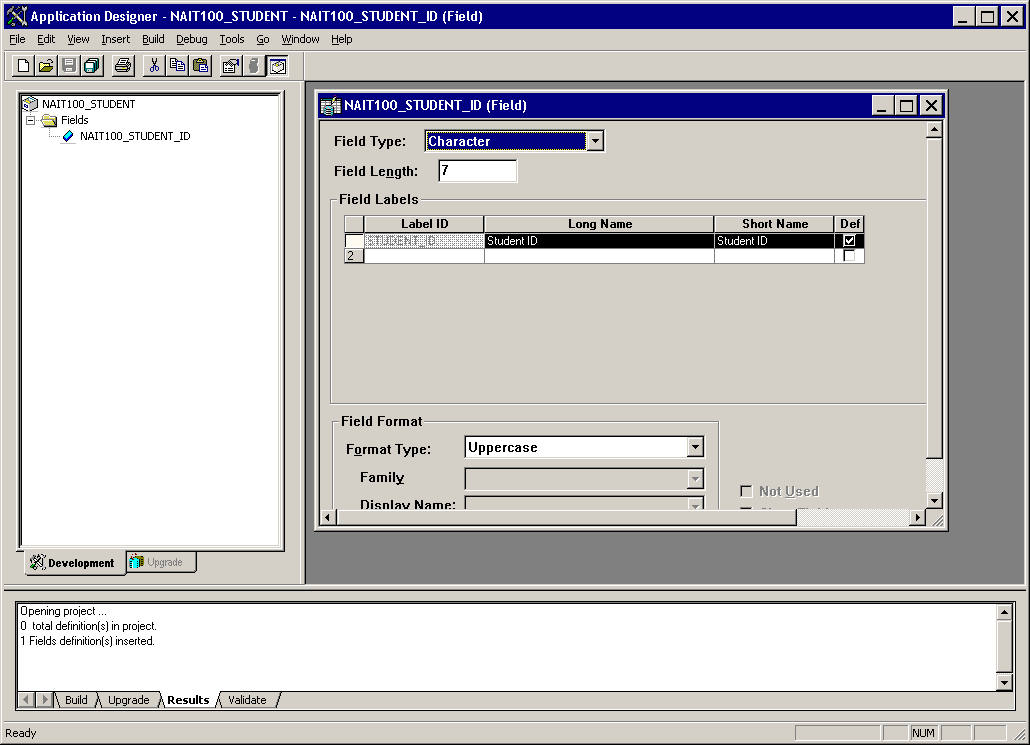
Insert > Current Definition into Project



File > Save Project

NAIT100\_STUDENT





|  |  |
| --- | --- |
| 1. Create Section field | 5. Label ID: SECTION |
| 1. File > New > Field | 6. Long Name: Section |
| 1. Field Type: Character | 7. Short Name: Section |
| 1. Field Length: 1 | 8. Format Type: Uppercase |

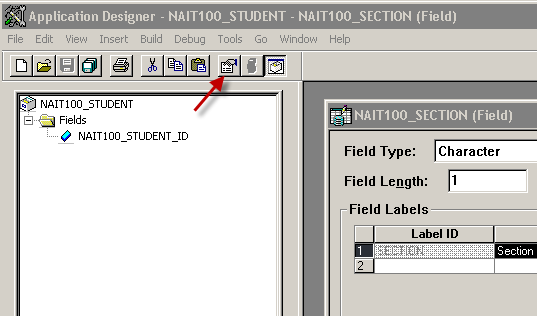
File > Save

Field Name: NAIT###\_SECTION

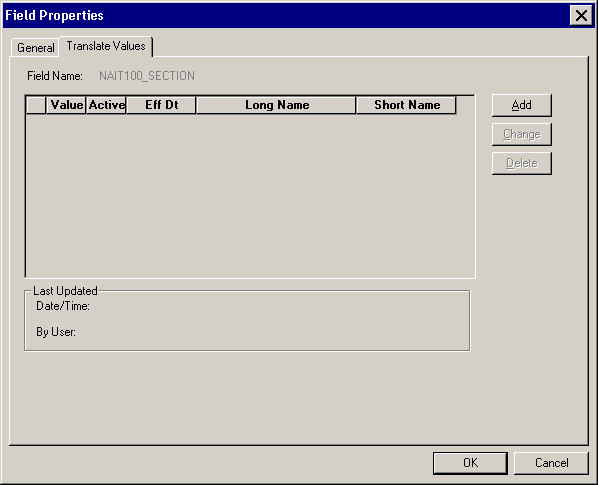
Click: OK

Add Translate Values

Select Properties Button



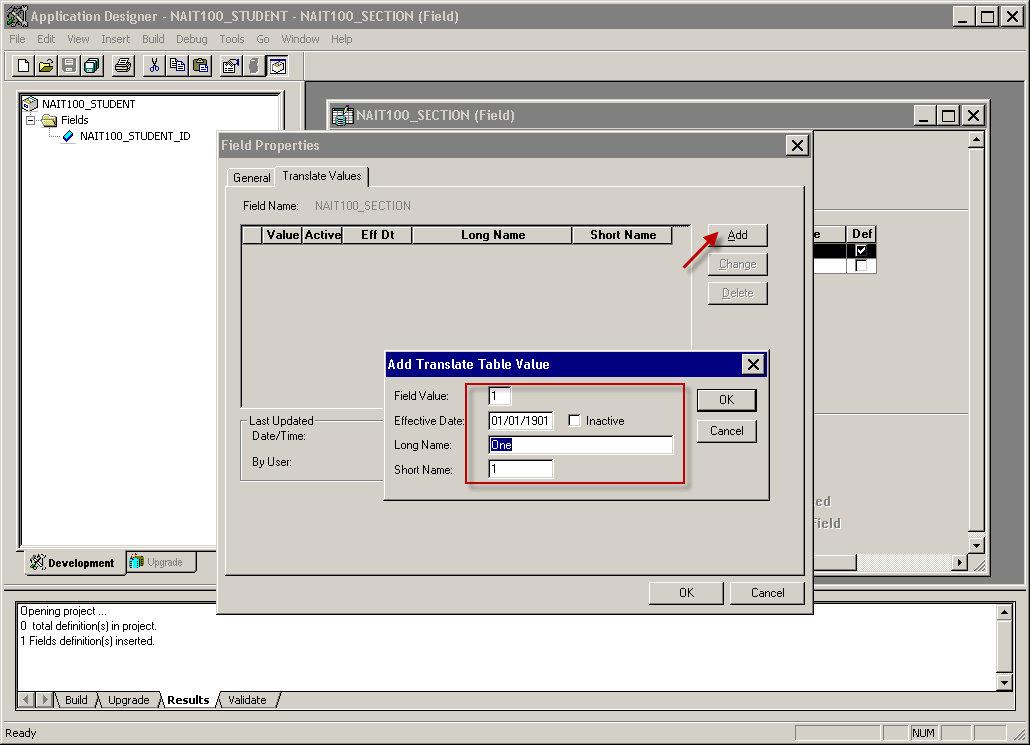
Select Translate Values Tab



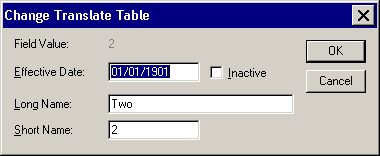
Add Translate Values

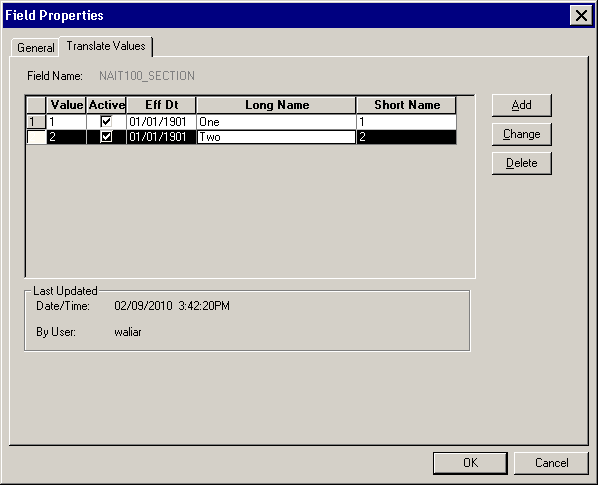
Click Add button

Add Translate Values (1)



Add Translate Values (2)

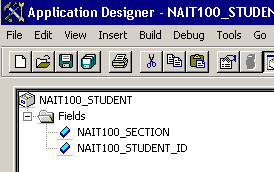




Save Field.

Insert Field into project

Insert > Current Definition into Project

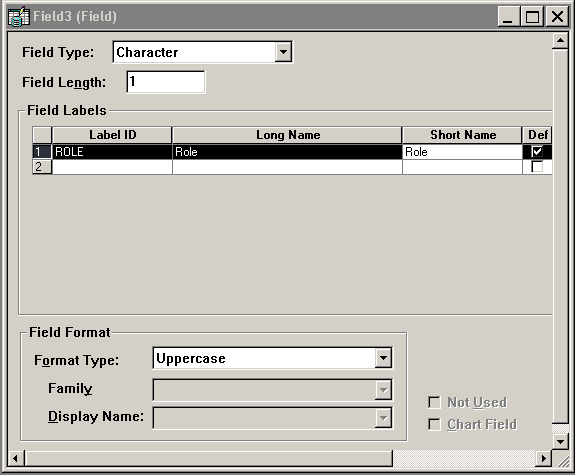


|  |  |
| --- | --- |
| 1. Create Role field | 5. Label ID: ROLE |
| 1. File > New > Field | 6. Long Name: Role |
| 1. Field Type: Character | 7. Short Name: Role |
| 1. Field Length: 1 | 8. Format Type: Uppercase |

File > Save

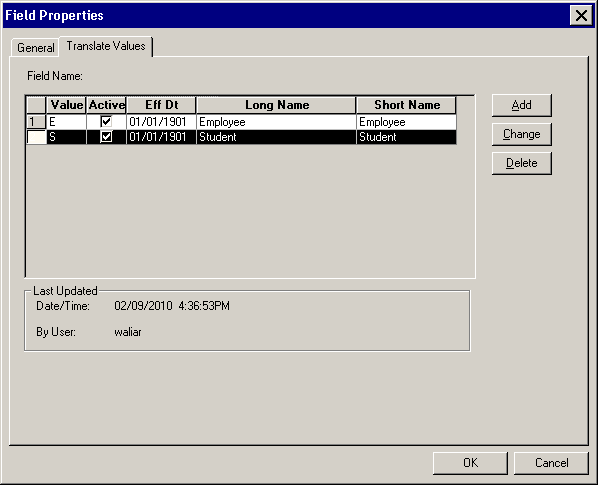
Field Name: NAIT###\_ROLE

Click: OK



Add Translate Values

Select Properties Button and add Translate Values



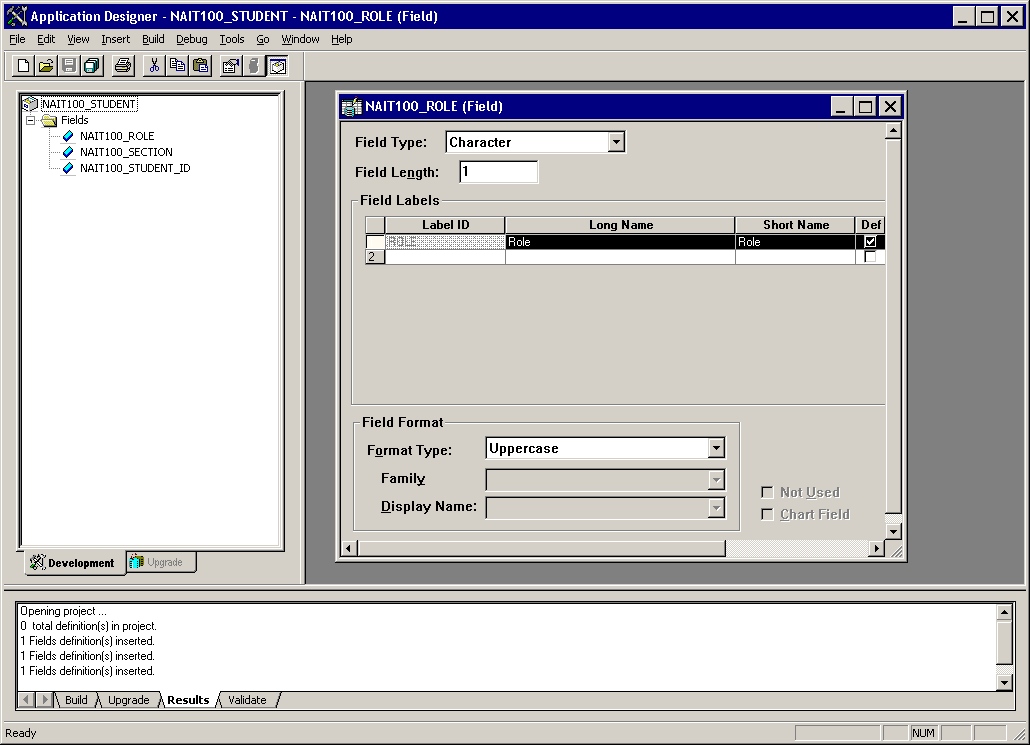
File > Save

Field Name: NAIT###\_ROLE

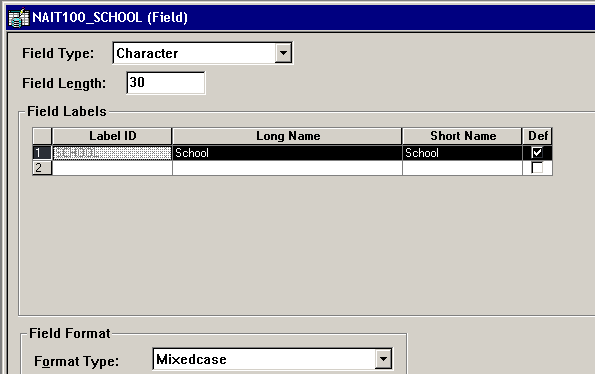
Click: OK

Insert Field into project

Insert > Current Definition into Project



|  |  |
| --- | --- |
| 1. Create School field | 5. Label ID: SCHOOL |
| 1. File > New > Field | 6. Long Name: School |
| 1. Field Type: Character | 7. Short Name: School |
| 1. Field Length: 30 | 8. Format Type: Mixedcase |



File > Save

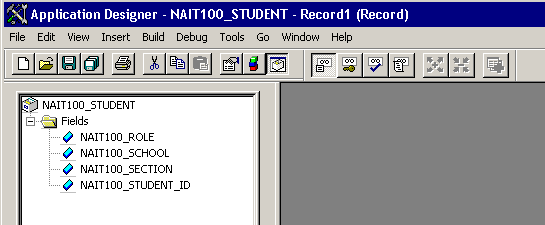
Field Name: NAIT###\_SCHOOL

Click: OK

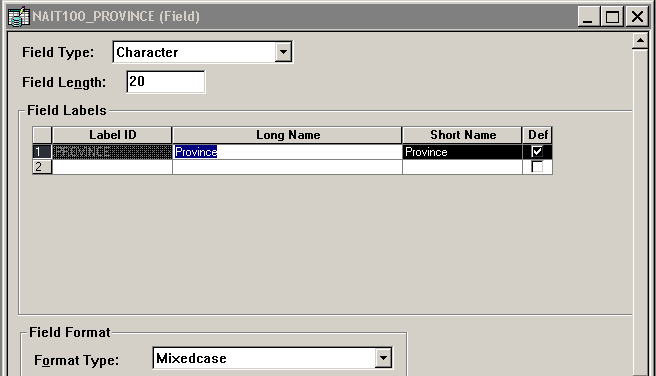
File > Save

Insert Field into project

Insert > Current Definition into Project



|  |  |
| --- | --- |
| 1. Create Province field | 5. Label ID: PROVINCE |
| 1. File > New > Field | 6. Long Name: Province |
| 1. Field Type: Character | 7. Short Name: Province |
| 1. Field Length: 20 | 8. Format Type: Mixedcase |

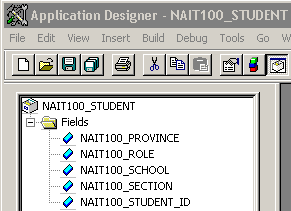


File > Save

Field Name: NAIT###\_PROVINCE

Click: OK

Insert Field into project



Save Project

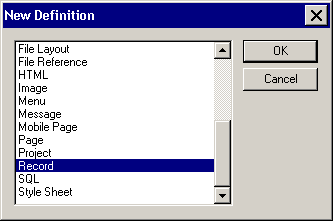
Close all windows

Window > Close All

# 3. Create record definitions

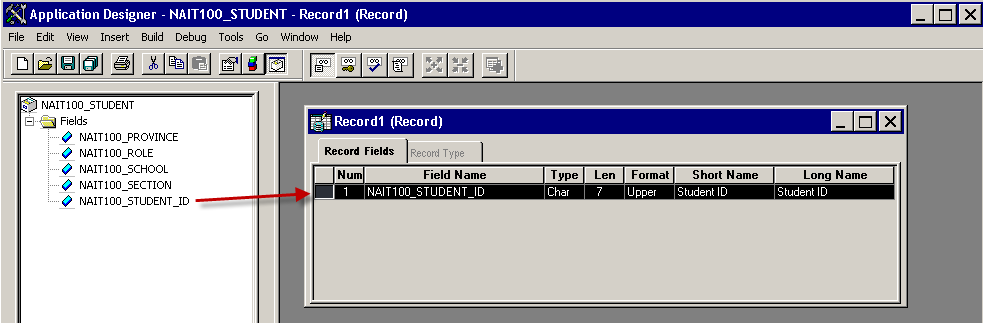
Create a new Record

File > New > Record

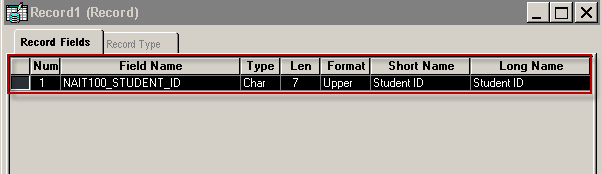


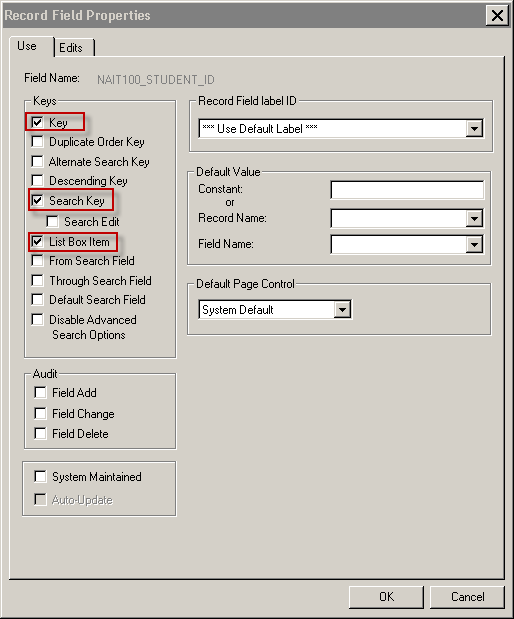
Add Fields to Record

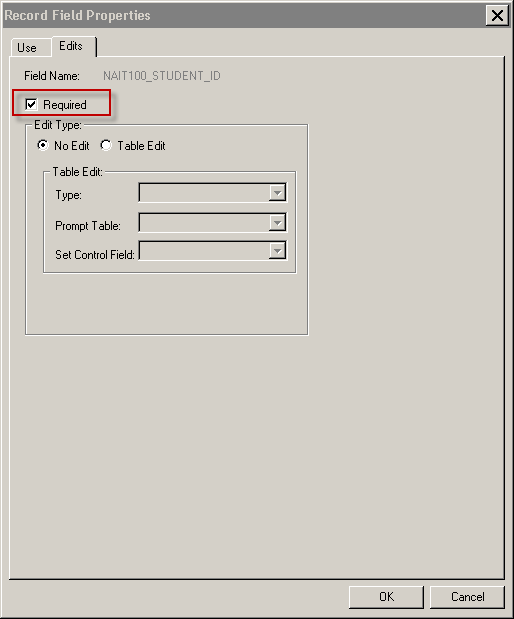
Drag and drop the field Student ID to record



Double Click on the Student ID field and change properties:

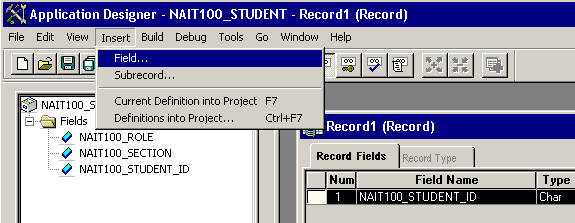




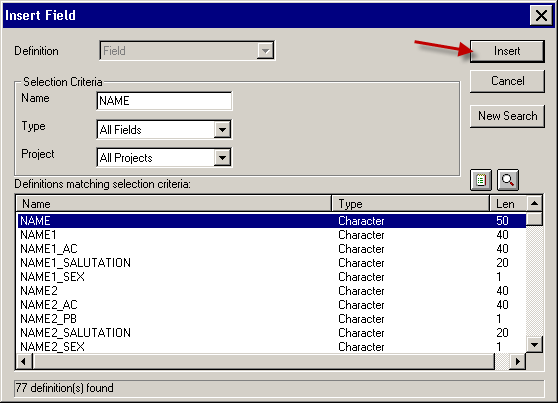


Add Name field to record

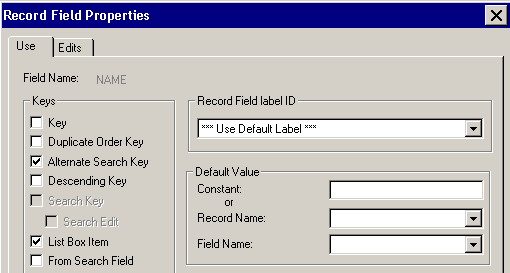
Insert > Field

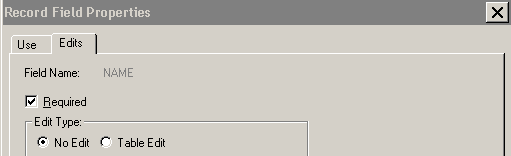


Select the field Name and click insert



Double Click on the Name field and change properties





Insert fields

BIRTHDATE

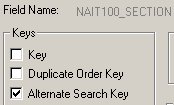
Insert field and set properties:

NAIT###\_ROLE (Alternate Search Key, List Box Item)



Insert field and set properties:

NAIT###\_SECTION (Alternate Search Key, List Box Item)



Insert field and set properties

NAIT###\_SCHOOL (Default Value Constant: NAIT)



Insert fields:

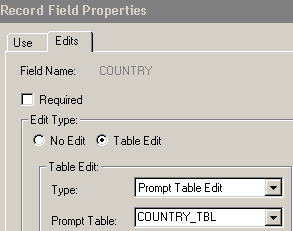
ADDRESS1

CITY

NAIT###\_PROVINCE

Insert field and set properties:

COUNTRY (Edit Type: Table Edit, Type: Prompt Table Edit, Prompt Table: COUNTRY\_TBL)



Insert fields:

POSTAL

PHONE

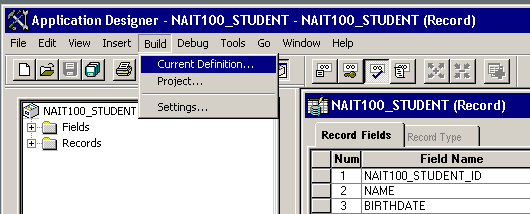
Save Record: NAIT###\_STUDENT

Insert record into project

Save project

# Build the records

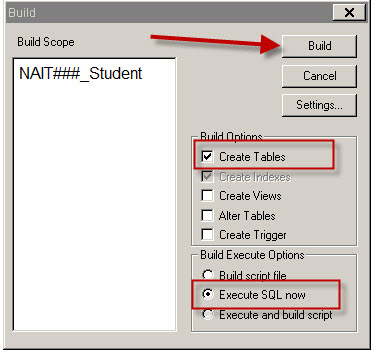
Build > Current Definition



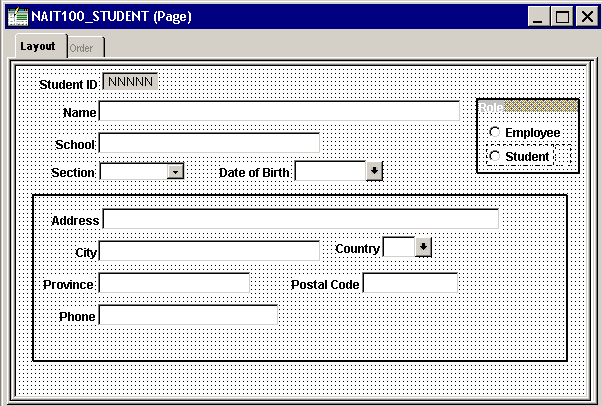
Check: Create Tables

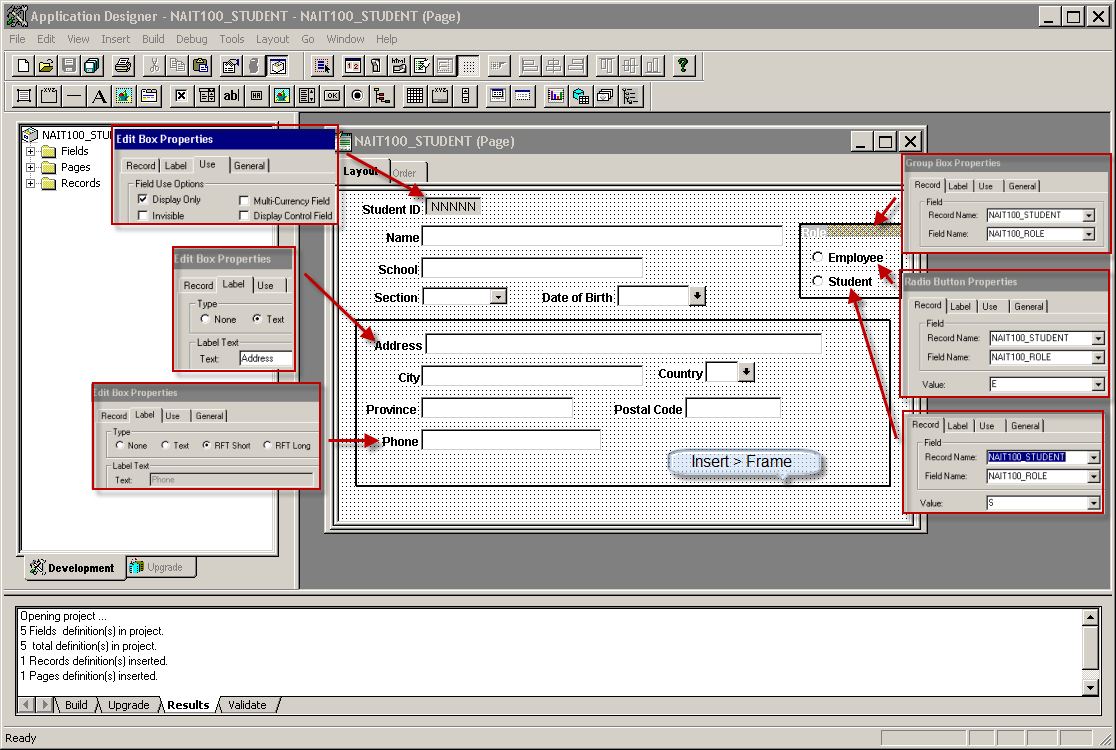
Select: Execute SQL Now

Click: Build button

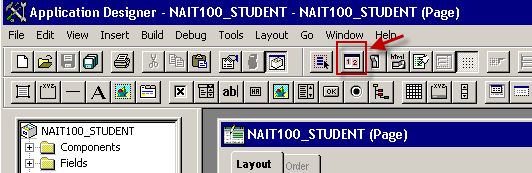


# 5. Create page definition





Click Default Ordering button to set the tab order,



Save Page: NAIT###\_STUDENT

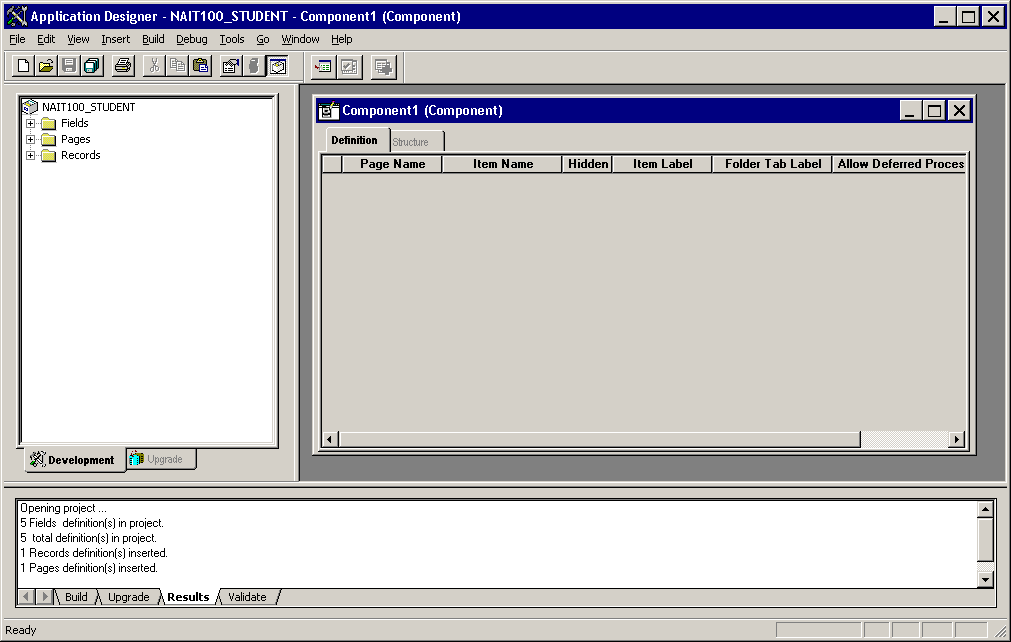
Insert page into project

Save Project

Window > Close All

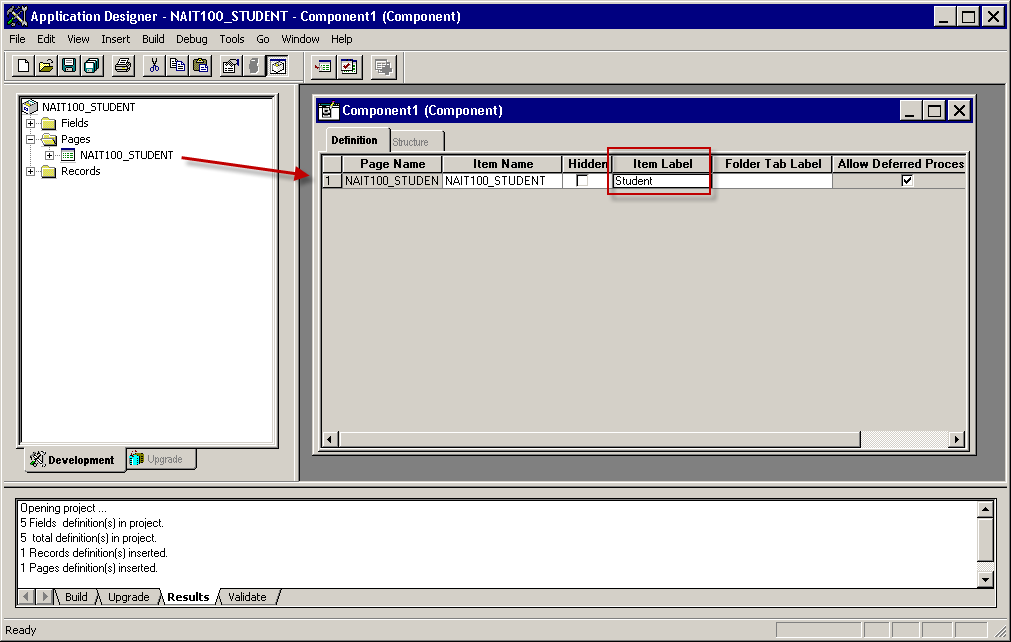
# Define the component

File > New > Component

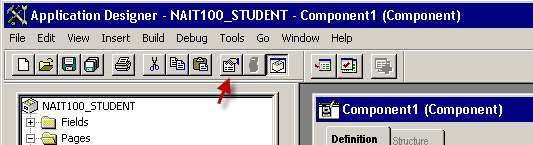


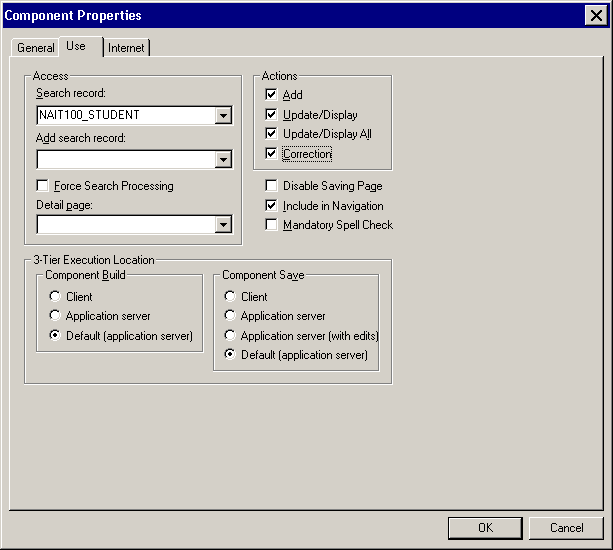
Drag Page from Project into Component

Change Item Label



Set Properties



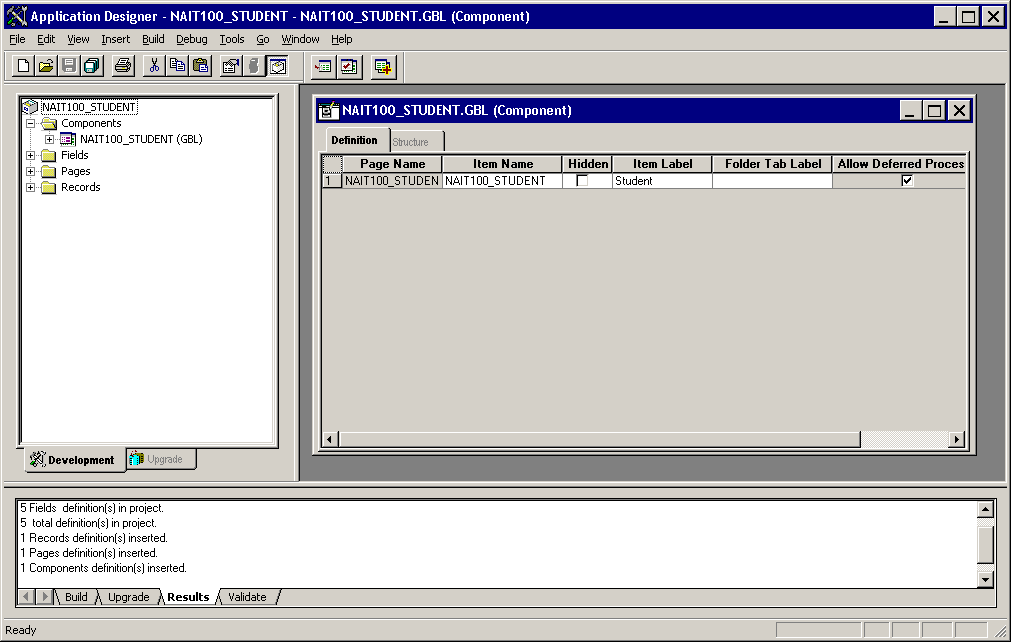


Click ok

Save component NAIT###\_STUDENT

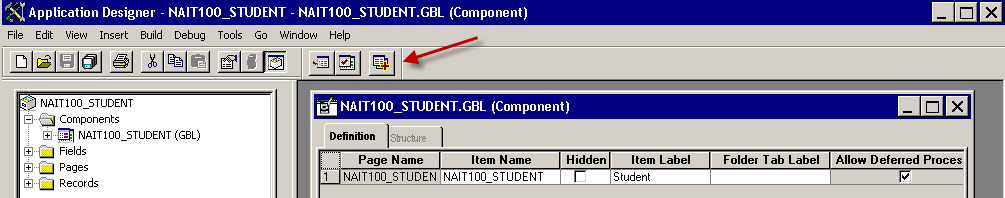
Click: OK

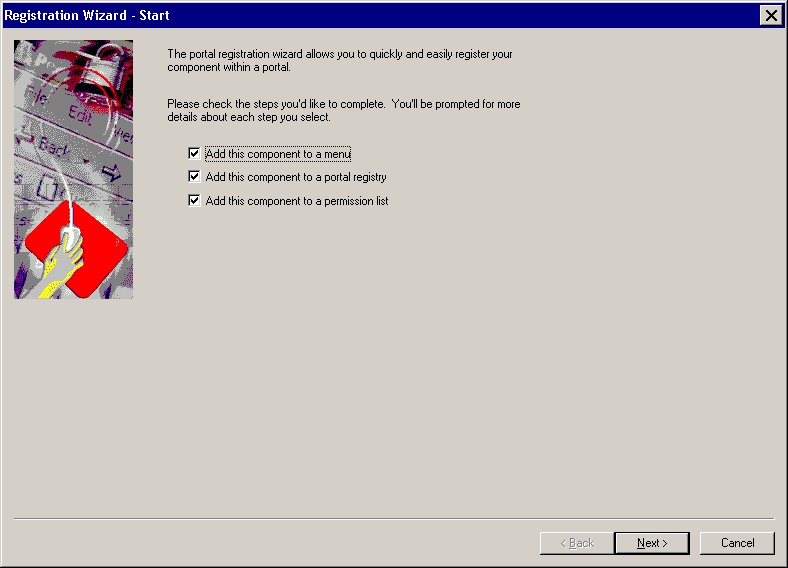
Insert component into project

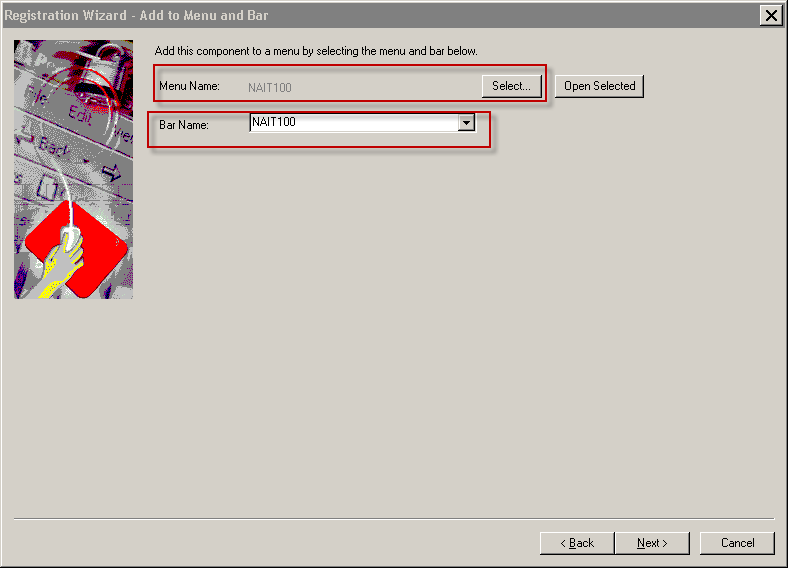


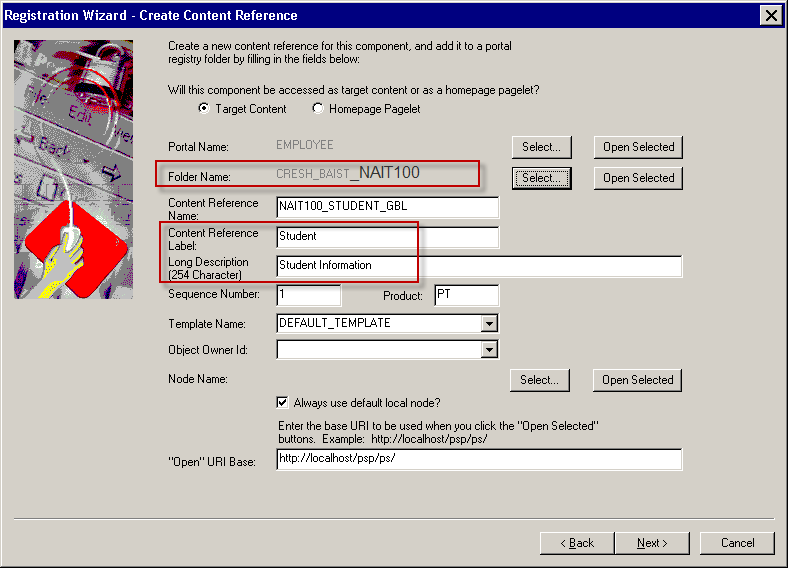
**Execute “Registering the component” series of steps ONLY ONCE!**

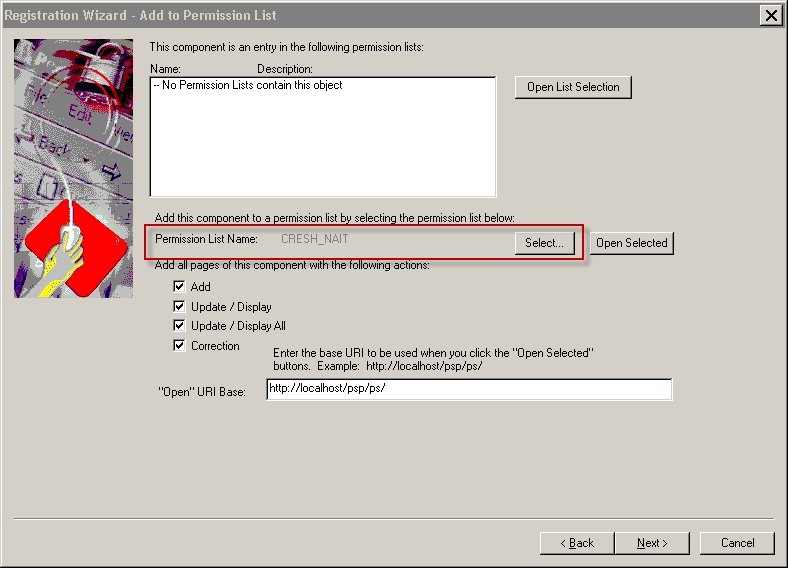
# Registering the component

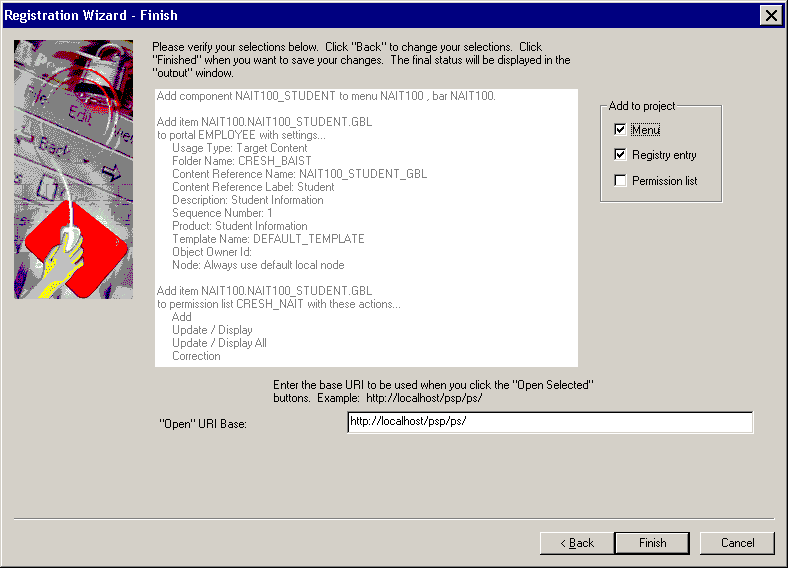








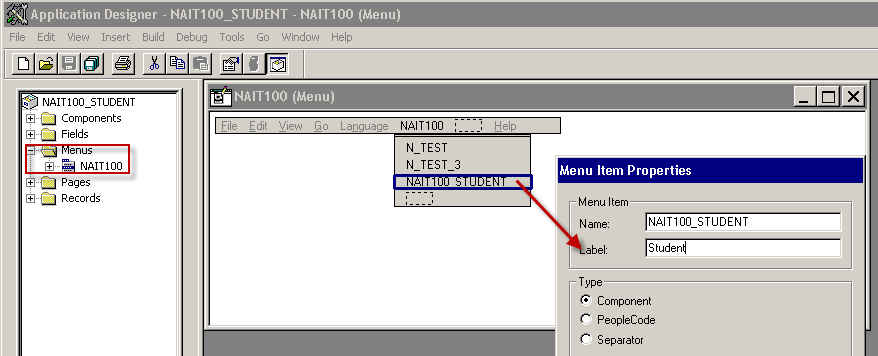


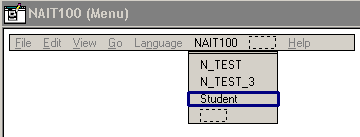


Save Project

Menu Label

Your project should have a menu add from the component registration. Open the properties for the menu item the and change the label.





Save menu

# 8. Test the application

**Add 5 students with realistic test data!**