
Software Requirements Specification

For

Student Alumni Database

Version 1.0 approved

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Revision History

Name	Date	Reason For Changes	Version

1. Introduction

1.1 Purpose

It is desktop base application software that store the information of the student who pass from the university. It's help the administrator specially the exam controlling section to provide the whole information like his Id, name, family information, academic background , research area, detailed address, working experience etc.

1.2 Intended Audience and Reading Suggestions

This SRS is only for the admin which is the only user of the project.

1.3 Product Scope

This project make easier way to find student information of the student who passed from the university. This project is used by the administrator specially the exam controlling section. In this software the admin can add the basic information, present activity, contact details academic background and the other activities. The admin can sort the information by id, working, address, results. If the admin want to search a student by his or her id or name than he (admin) will find complete details of the student.

2. Overall Description

2.1 Product Perspective

In many university the exam controlling section has to reserved the detailed information the alumni but our university reserved this data by using pen and papers. The existing system is very much difficult and time consuming so we decide to create this project to help the exam controlling section. We think our project will saved a huge amount of time and saved the data from different type of error.

2.2 Product Functions

The main functionally are given below:

1. Add basic information of a student
2. Add extracurricular activity
3. Add present and permanent address
4. Add CGPA and no. of credit in the 12 semesters.
5. Add research or project.
6. Add Present and Previous Working History
7. Calculate department and Session from the student id
8. Show basic information of students
9. Show results of the students in ascending order
10. Show present working condition of the students sorted by company
11. Show present address of the students sorted by district
12. Show the search result by using id and name.

2.3 User Classes and Characteristics

The only user of software is the exam controller or his assigned person.

2.4 Operating Environment

The hardware specification is : normal desktop & laptop computer minimum dual core 32 bit processor. Ram 1 gb will enough for run this application. This project doesn't need any extra graphics card.

Software requirement : minimum requirement is windows xp 32 bit operating system , or any version of ubuntu.

Extra or supporting software : to use this project there should have xampp server 8.0.1 which contained the database.

2.5 Design and Implementation Constraints

The main limitation is given below:

Hardware limitation: the program doesn't work which has below dual core processing capacity and 1 gb ram.

Software limitation: the project doesn't work which has below windows xp.

Project limitation: there is no any option to change the user name and password by using this project. Another limitation is the admin has to add the whole data at a time.

2.6 Assumptions and Dependencies

If the xampp server is not installed and the database is not found in the proper directory than there will occur an exception so we have to install xampp first and then store the database in proper.

3. External Interface Requirements

3.1 User Interfaces

Interface-1: Admin: In this interface the admin can submit the username and password, if the user name and password is match than interface 3 will open. Otherwise interface 2 will be open.

The screenshot shows a web application window titled "North East University Bangladesh Student Alumni Database". The interface is for an "Admin" login. It features a "username :" label followed by a text input field containing "admin". Below it is a "password :" label followed by a password input field with masked characters "•••". A blue "LogIn" button is positioned below the password field. At the bottom of the window, a footer reads "SupervisedBy: Tazbeea Tazakka Oushneek & DevelopedBy: Team_R&D_v2".

Interface-2: If the user name and password does not match than show the error message.

This screenshot shows the same Admin login interface as the previous one, but with an error message displayed. A red-bordered dialog box titled "Warning" is overlaid on the login fields. It contains a red "X" icon and the text "Worng username or pasword...!!!". An "OK" button is at the bottom of the dialog. The "LogIn" button is still visible below the password field. The footer text "SupervisedBy: Tazbeea Tazakka Oushneek & DevelopedBy: Team_R&D_v2" remains at the bottom.

Interface-3: if the user name and password is match than this interface will open.

North East University Bangladesh
Student Alumni Database

ID:

Name

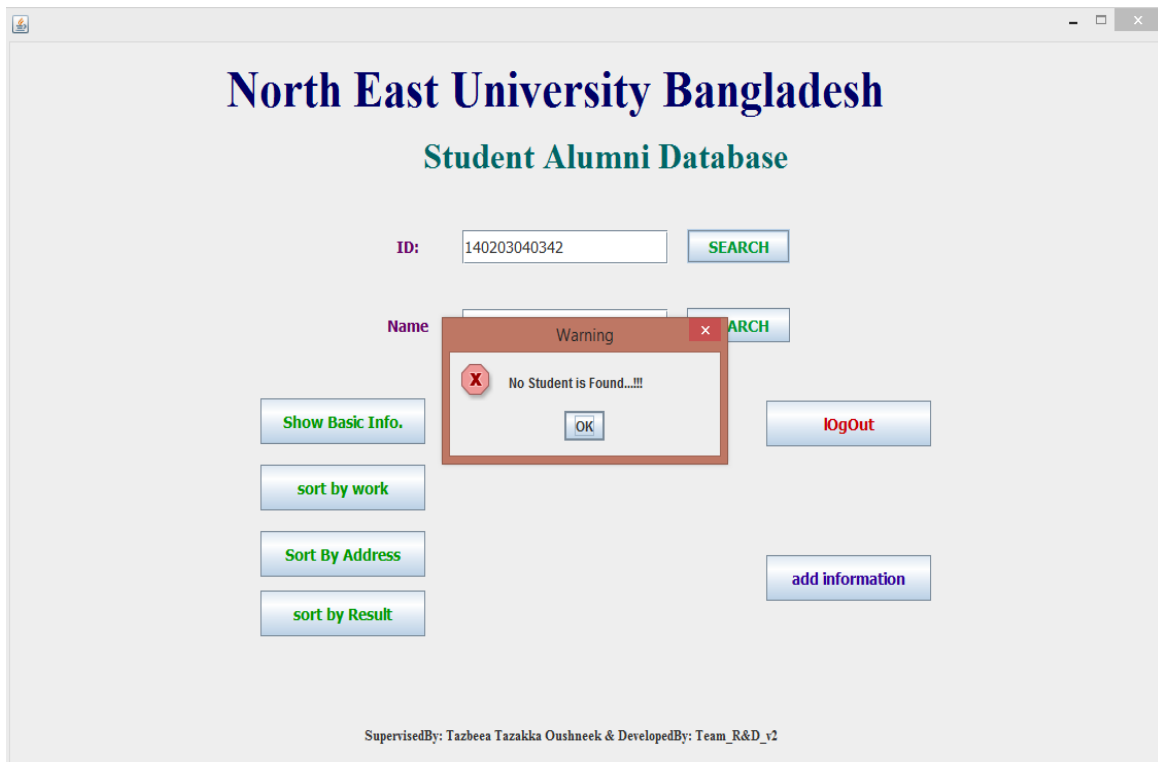
SupervisedBy: Tazbea Tazakka Oushneek & DevelopedBy: Team_R&D_t2

Interface-4: If the search result of interface 3 is found, then this will open.

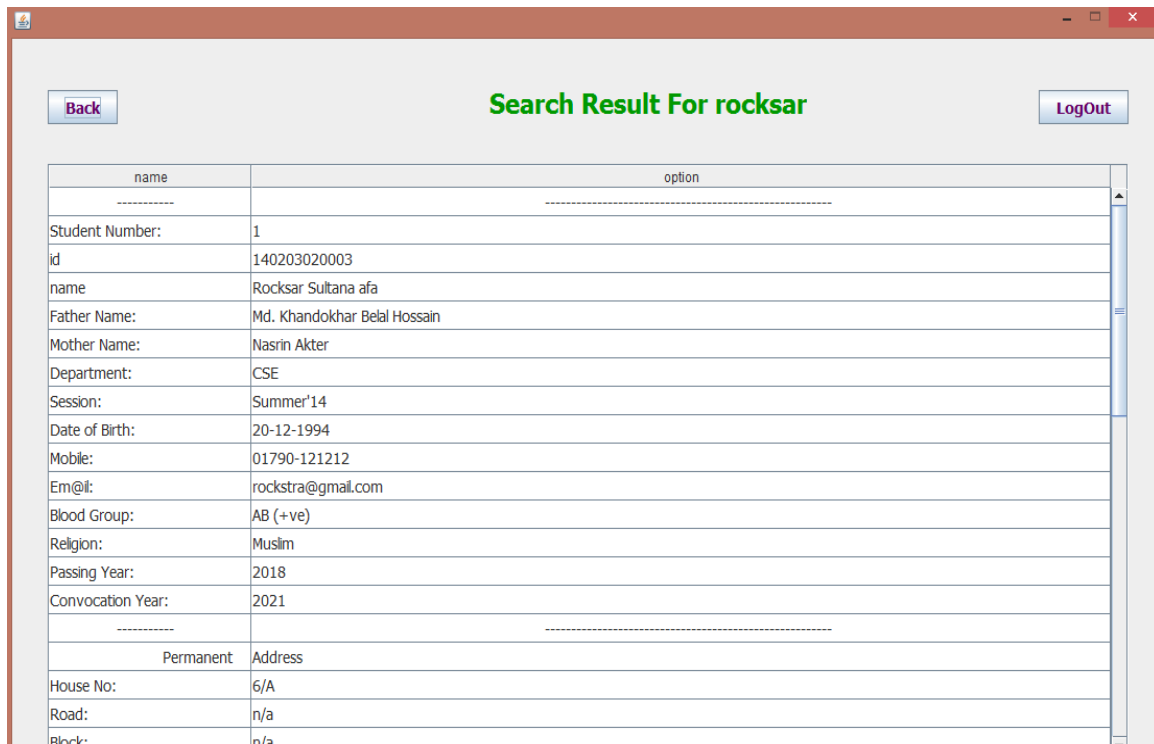
Search Result For: 140203020003

id	140203020003
name	Rocksar Sultana afa
Father Name:	Md. Khandokhar Belal Hossain
Mother Name:	Nasrin Akter
Department:	CSE
Session:	Summer'14
Date of Birth:	20-12-1994
Mobile:	01790-121212
Em@il:	rockstra@gmail.com
Blood Group:	AB (+ve)
Religion:	Muslim
Passing Year:	2018
Convocation Year:	2021
Permanent Address	
House No:	6/A
Road:	n/a
Block:	n/a
Village:	Suraiya Tower, Borobazar, Amborkhana

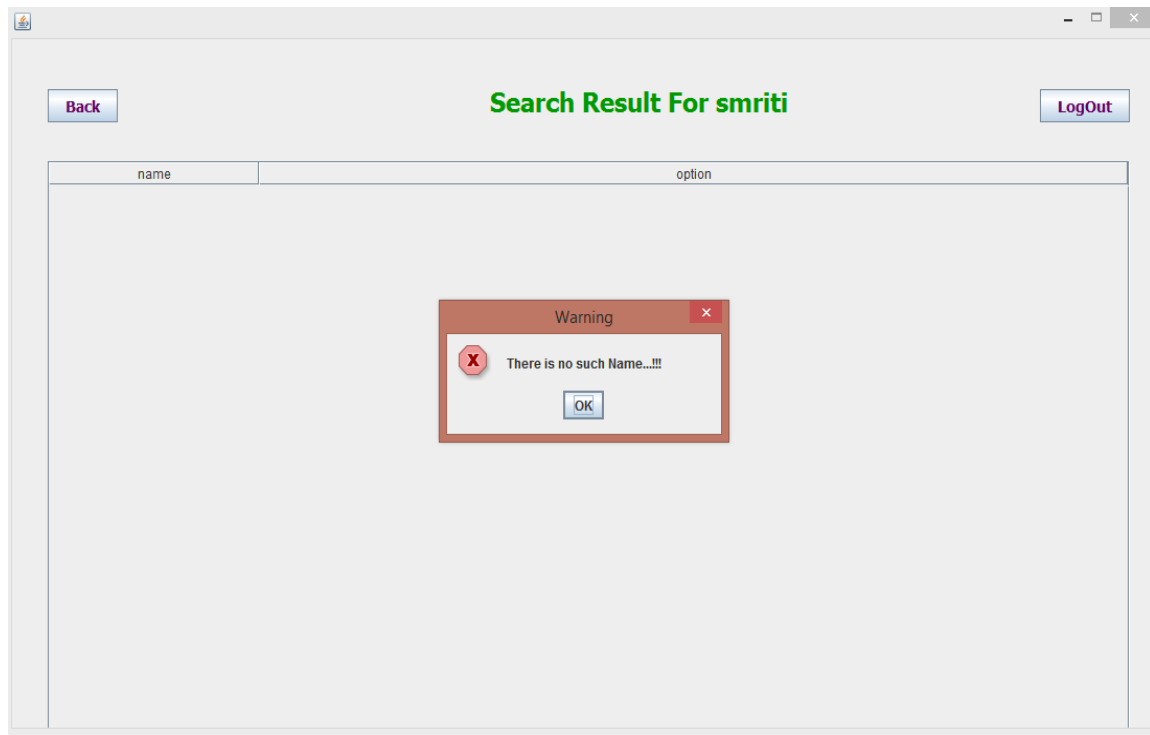
Interface-5: If the search result of interface 3 is not found, then this will show error message.



Interface-6: If the search result of interface 3 is found, then this will open.



Interface-7: If the search result of interface 3 is not found, then this will show error message.



Interface-8: If the admin want to add information at the database or click in the add information button, then this page will be open.

The screenshot shows a web application window titled "Add Personal Information". At the top left is a "Back" button and at the top right is a "LogOut" button. The form contains the following fields and controls:

- Student Id: text input field
- Name: text input field
- Father's Name: text input field
- Mother's Name: text input field
- DoB (dd/mm/yy): date picker with dropdowns for day (1), month (January), and year
- Mobile NO: text input field
- Em@il: text input field
- Blood Group: dropdown menu with "O (+ve)" selected
- Religion: dropdown menu with "Muslim" selected
- Passing Year: dropdown menu with "2013" selected
- Convocation Year: dropdown menu with "2016" selected
- Next: button

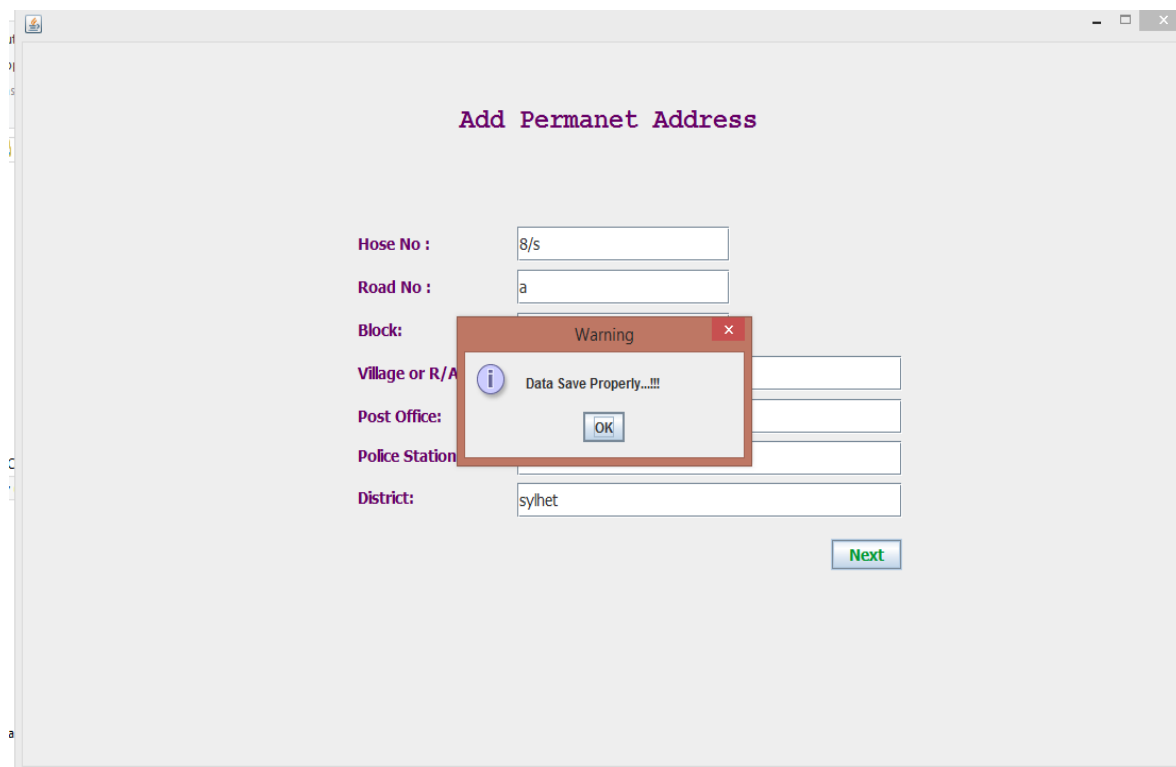
Interface-9: If the admin cannot fill all the table, then this error message will show.

The screenshot shows a web application window titled "Add Personal Information". It contains a form with the following fields: Student Id, Name, Father's Name, Mother's Name, DoB (dd/mm), Mobile NO, Em@il, Blood Group (dropdown), Religion (dropdown), Passing Year (dropdown), and Convocation Year (dropdown). There are "Back" and "LogOut" buttons at the top. A "Next" button is at the bottom right. A warning dialog box is overlaid on the form, titled "Warning" with a red 'X' icon. The message in the dialog is "Fill Student Detail Property.....!!!" and it has an "OK" button.

Interface-10: If admin add proper information in interface 8, then this interface is open

The screenshot shows a web application window titled "Add Permanent Address". It contains a form with the following fields: House No, Road No, Block, Village or R/A, Post Office, Police Station, and District. There is a "Next" button at the bottom right.

Interface-11: If admin add proper information in interface 10, then this message will be show.

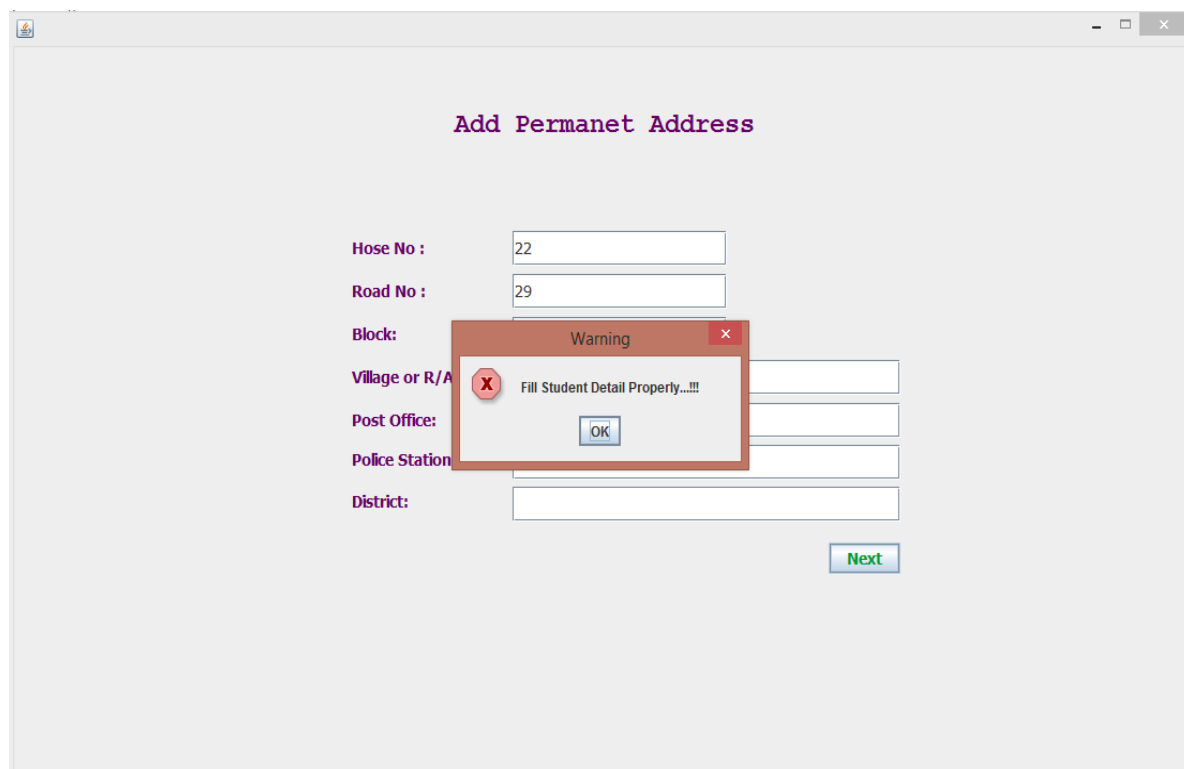


The screenshot shows a web application window titled "Add Permanent Address". The form contains the following fields and values:

- Hose No : 8/s
- Road No : a
- Block: (empty)
- Village or R/A: (empty)
- Post Office: (empty)
- Police Station: (empty)
- District: sylhet

A warning dialog box is displayed over the form with the title "Warning" and the message "Data Save Property.....!!". The dialog has an "OK" button. A green "Next" button is located at the bottom right of the form.

Interface-11-A: If admin cannot add proper information in interface 12, then this error message is show.

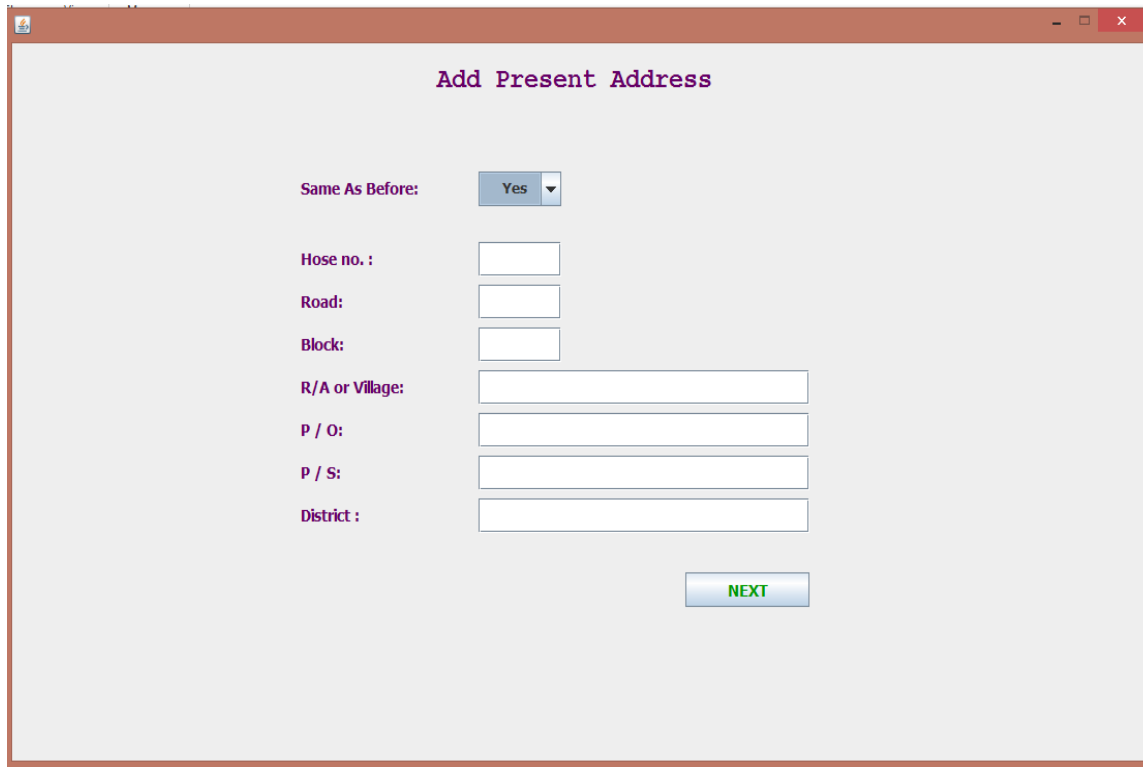


The screenshot shows the same "Add Permanent Address" form. The fields and values are:

- Hose No : 22
- Road No : 29
- Block: (empty)
- Village or R/A: (empty)
- Post Office: (empty)
- Police Station: (empty)
- District: (empty)

An error dialog box is displayed over the form with the title "Warning" and the message "Fill Student Detail Property.....!!". The dialog has a red "X" icon and an "OK" button. A green "Next" button is located at the bottom right of the form.

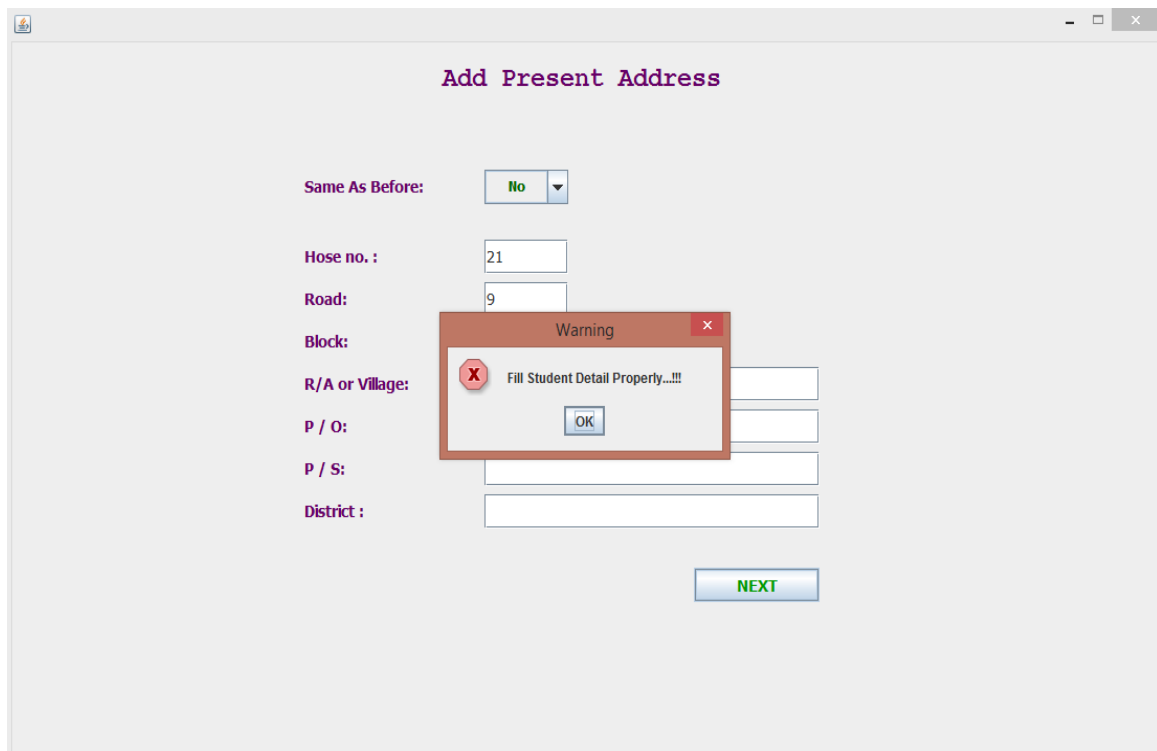
Interface-12: If admin add proper information in interface 10, then this interface is open



The screenshot shows a web application window titled "Add Present Address". It contains a form with the following fields and controls:

- Same As Before:** A dropdown menu currently showing "Yes".
- Hose no. :** A text input field.
- Road:** A text input field.
- Block:** A text input field.
- R/A or Village:** A text input field.
- P / O:** A text input field.
- P / S:** A text input field.
- District :** A text input field.
- NEXT:** A green button located at the bottom right of the form.

Interface-13: In interface 12 if the admin select no and cannot fill up the data properly than this error will show.



The screenshot shows the same "Add Present Address" form as in Interface-12, but with the "Same As Before:" dropdown set to "No". The form fields are partially filled: "Hose no. :" is "21", "Road:" is "9", and "Block:" is empty. A warning dialog box is displayed over the form, containing the text "Warning" and "Fill Student Detail Properly....!!!". The dialog box has a red "X" icon and an "OK" button. The "NEXT" button is visible at the bottom right of the form.

Interface-14: If the present and permanent address is same than the admin choose no and fill up the total information and press next.

The screenshot shows a web application window titled "Add Present Address". It contains several form fields for address information. The "Same As Before:" field is a dropdown menu with "No" selected. The other fields are text inputs: "Hose no. :", "Road:", "Block:", "R/A or Village:", "P / O:", "P / S:", and "District :". The "NEXT" button is located at the bottom right of the form.

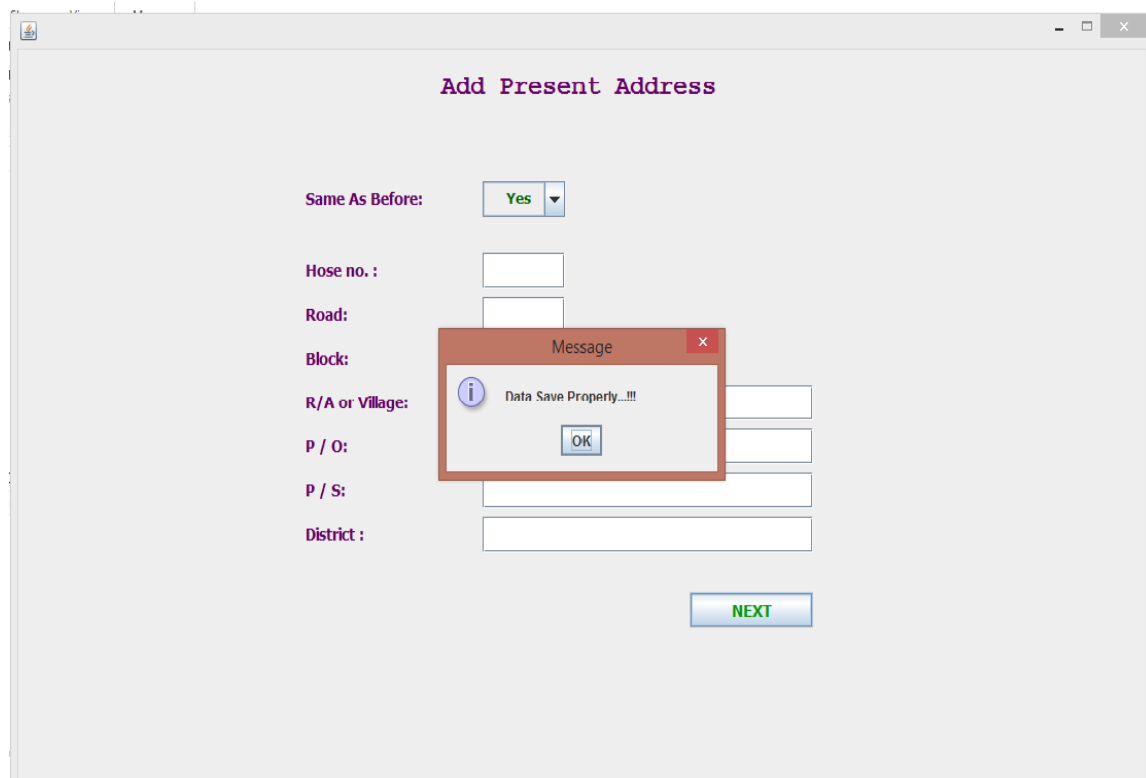
Field	Value
Same As Before:	No
Hose no. :	7/c
Road:	n/a
Block:	n/a
R/A or Village:	subud bazer
P / O:	sylhet,3100
P / S:	Airport police
District :	sylhet

Interface-14-A: If admin add proper information in interface 14, then this message will be show.

The screenshot shows the same "Add Present Address" form as in Interface-14, but with a message dialog box overlaid. The dialog box is titled "Message" and contains an information icon, the text "Data Save Property...!!!", and an "OK" button. The form fields and the "NEXT" button are visible in the background.

Field	Value
Same As Before:	No
Hose no. :	7/c
Road:	n/a
Block:	
R/A or Village:	
P / O:	
P / S:	Airport police
District :	sylhet

Interface-15: If admin select yes and then press next than this message will show.



The screenshot shows a web application window titled "Add Present Address". It contains several input fields for address information: "Same As Before:" (a dropdown menu with "Yes" selected), "Hose no. :", "Road:", "Block:", "R/A or Village:", "P / O:", "P / S:", and "District :". A "NEXT" button is located at the bottom right. Overlaid on the form is a small "Message" dialog box with a red border, containing an information icon, the text "Data Save Properly....!!!", and an "OK" button.

Interface-16: If admin add proper information in interface 12, then this interface is open.



The screenshot shows a web application window titled "Add Result". It contains two columns of input fields for student results. The left column has labels "semester 1:" through "semester 6:" and the right column has labels "semester 7:" through "semester 12:". Each label is followed by two input fields, one labeled "credit" and one labeled "cgpa". An "Add" button is located at the bottom center of the form.

Interface-17: If admin cannot add proper information in interface 16, then this will show error message.

The screenshot shows a web application window titled "Add Result". It contains two columns of input fields for "credit" and "cgpa" for semesters 1 through 12. A red warning dialog box is displayed in the center, with the text "Warning" and "Please fill the data properly...!!!". An "OK" button is visible in the dialog. Below the input fields is a green "Add" button.

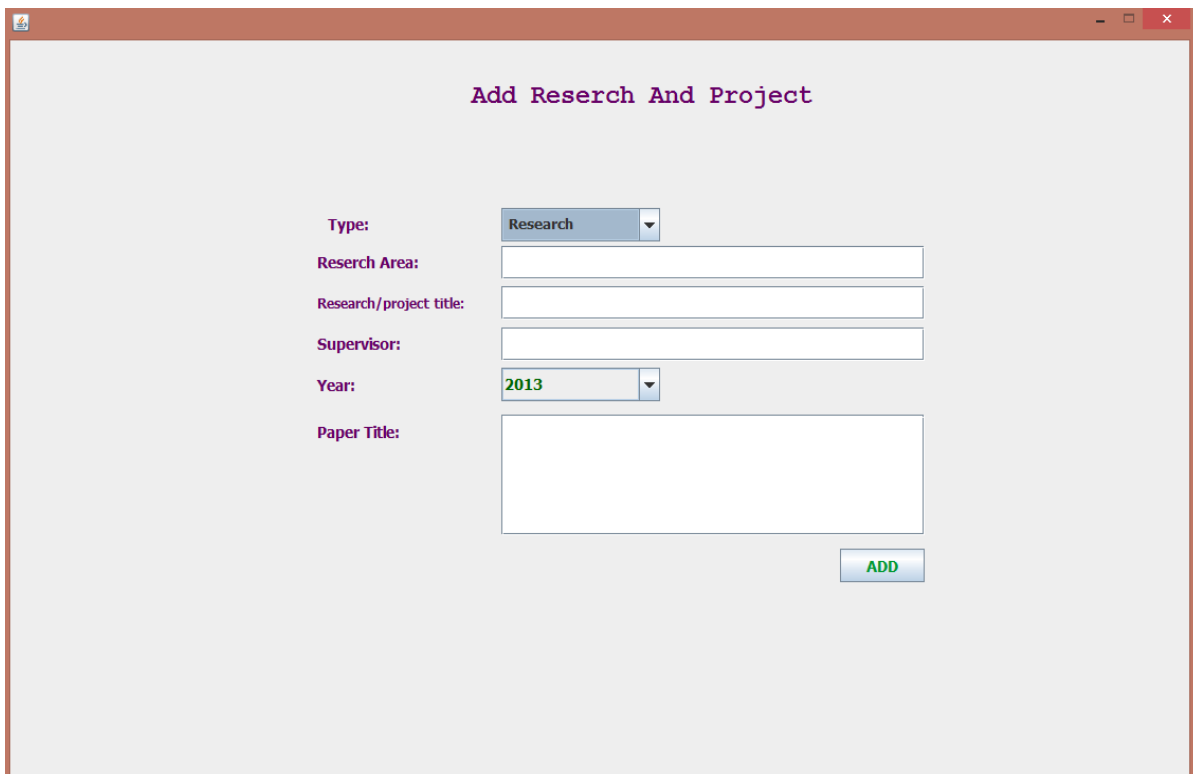
	credit	cgpa		credit	cgpa
semester 1:	13	3.40	semester 7:	15	3.90
semester 2:	13.5	3.50	semester 8:	15	4.00
semester 3:	12	3.3	semester 9:	15	3.95
semester 4:	13	3.3	semester 10:	15	3.85
semester 5:	12	3.4	semester 11:	13.5	4.00
semester 6:	12.5	3.50	semester 12:		

Interface-18: If admin add proper information in interface 16, then this message will show.

The screenshot shows the same "Add Result" interface as before, but with different values in the input fields. A red warning dialog box is displayed in the center, with the text "Warning" and "Data Save Property...!!!". An "OK" button is visible in the dialog. Below the input fields is a green "Add" button.

	credit	cgpa		credit	cgpa
semester 1:	10	3.40	semester 7:	15	4.00
semester 2:	12	2.30	semester 8:	15	4.00
semester 3:	13	3.6	semester 9:	15	3.88
semester 4:	13.5	3.5	semester 10:	13.5	3.90
semester 5:	15	3.7	semester 11:	15	4.00
semester 6:	14	3.55	semester 12:	13.5	3.95

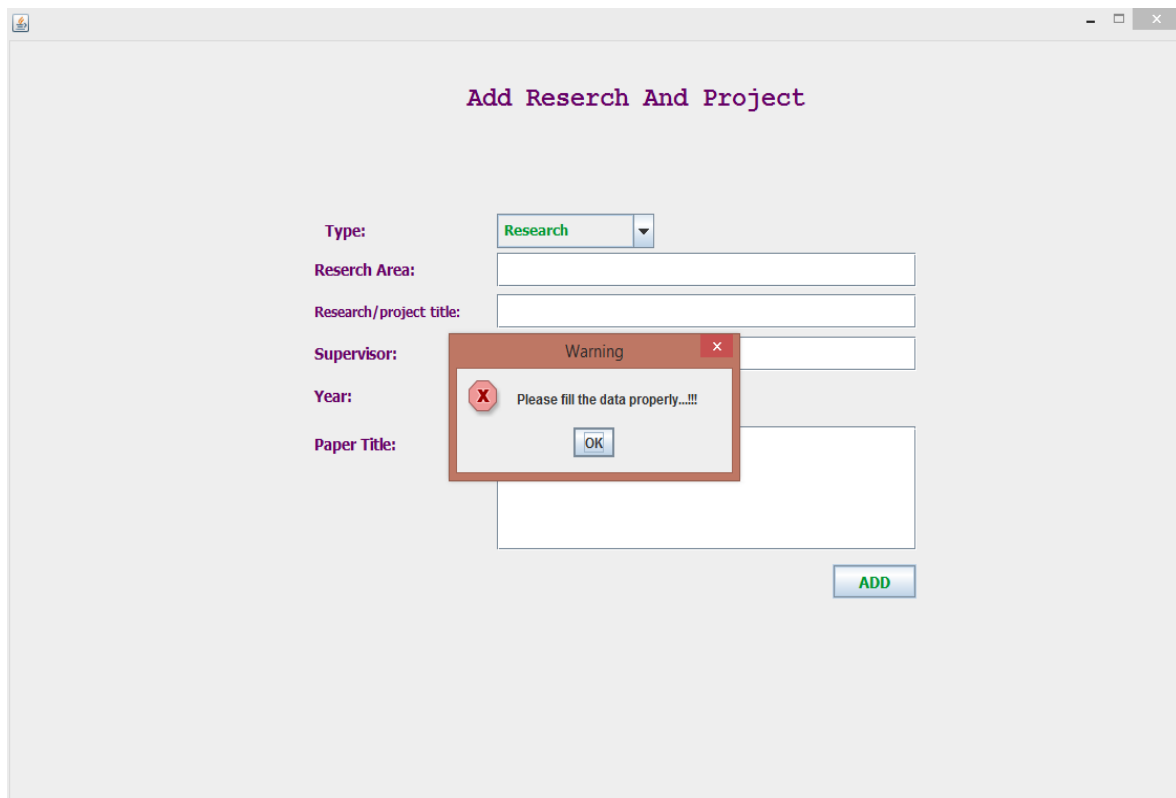
Interface-19: If admin add proper information in interface 16, then this interface is open.



The screenshot shows a web application window titled "Add Research And Project". The form contains the following fields and controls:

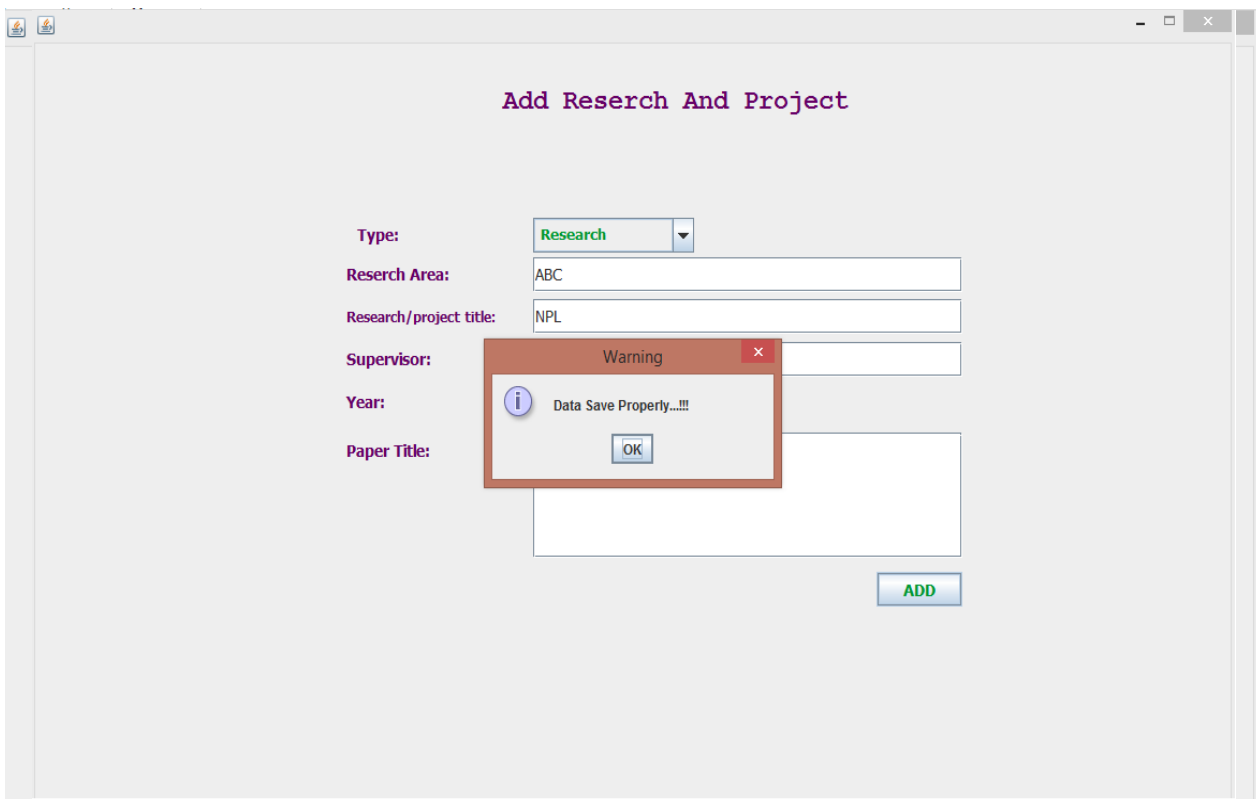
- Type:** A dropdown menu with "Research" selected.
- Research Area:** A text input field.
- Research/project title:** A text input field.
- Supervisor:** A text input field.
- Year:** A dropdown menu with "2013" selected.
- Paper Title:** A large text input field.
- ADD:** A green button at the bottom right.

Interface-20: In interface 19 the admin cannot fill up data properly then this will show error message.



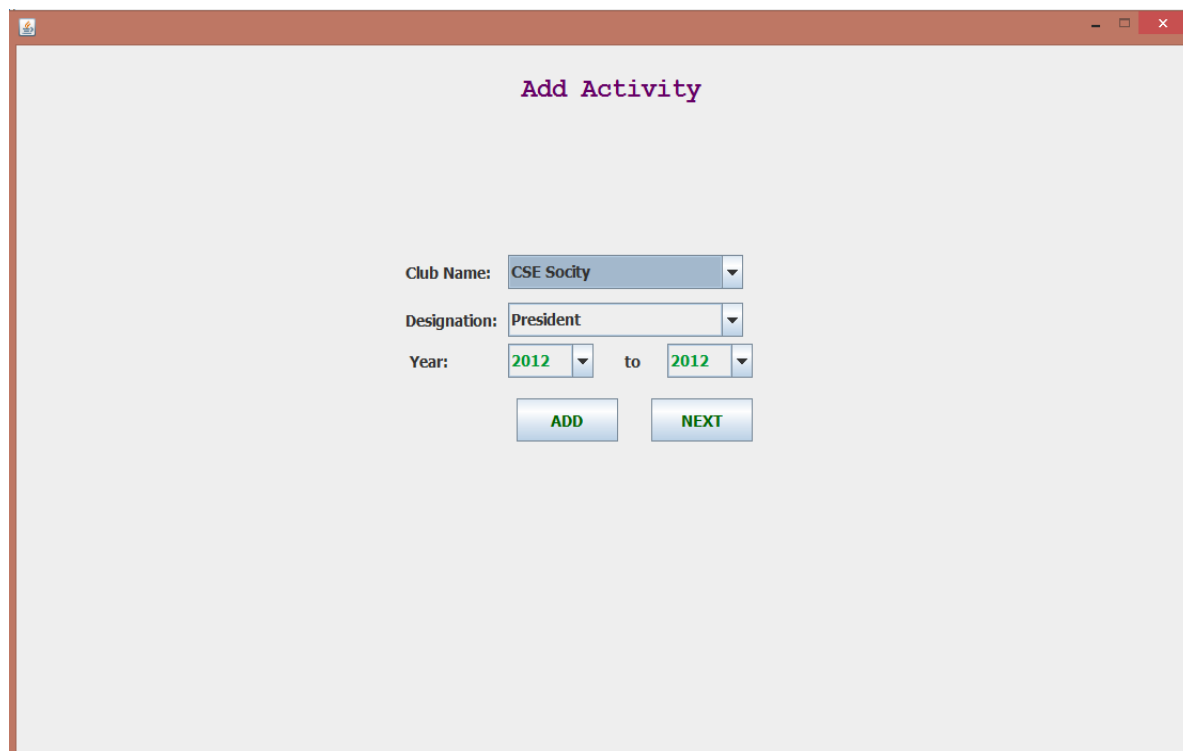
The screenshot shows the same "Add Research And Project" form as in Interface-19, but with an error message displayed. The error message is a small dialog box titled "Warning" with a red 'X' icon. The text inside the dialog box reads: "Please fill the data properly.....!!". An "OK" button is visible at the bottom of the dialog box. The form fields and the "ADD" button are still visible in the background.

Interface-21: If admin add proper information in interface 19, then this message will show.



The screenshot shows a web application window titled "Add Research And Project". It contains several input fields: "Type" (a dropdown menu with "Research" selected), "Reserch Area:" (a text box with "ABC"), "Research/project title:" (a text box with "NPL"), "Supervisor:" (a text box), "Year:" (a text box), and "Paper Title:" (a text box). A green "ADD" button is at the bottom right. A warning dialog box is overlaid on the form, titled "Warning" with a red border and a close button. It contains an information icon, the text "Data Save Properly...!!!", and an "OK" button.

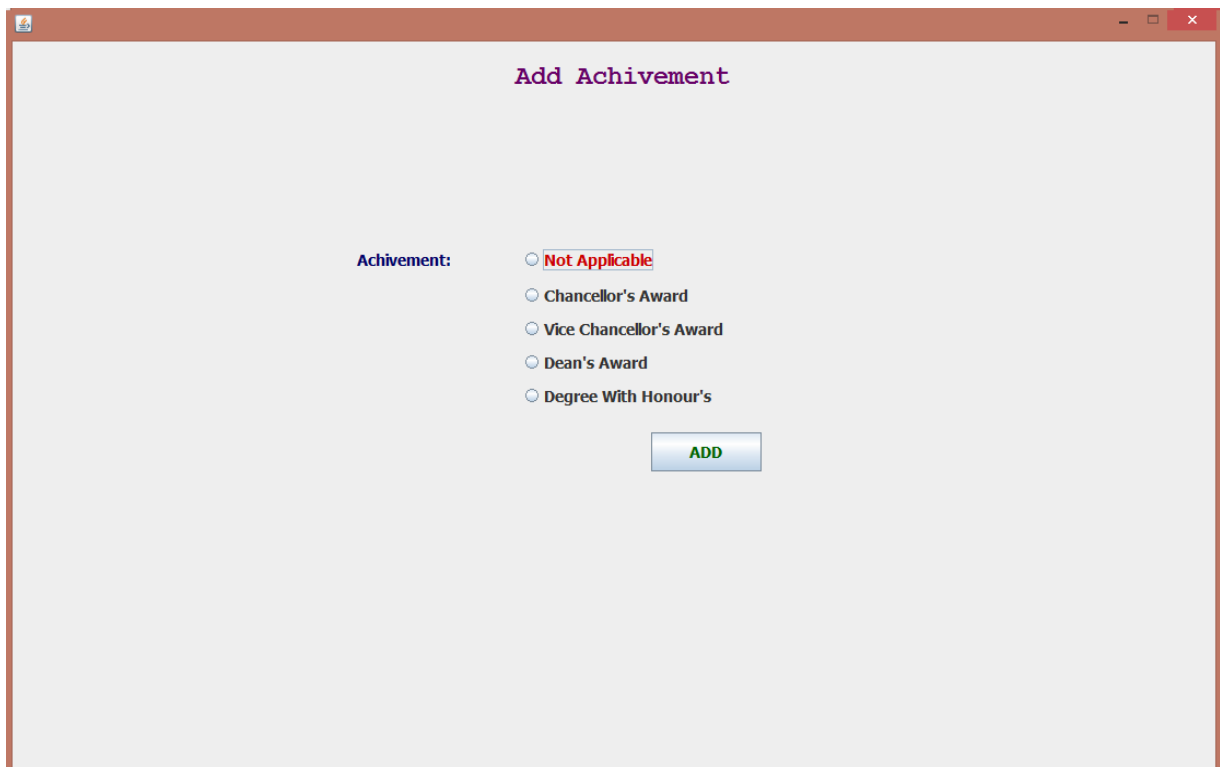
Interface-22: If admin add proper information in interface 19, then this interface is open.



The screenshot shows a web application window titled "Add Activity". It contains several input fields: "Club Name:" (a dropdown menu with "CSE Socity" selected), "Designation:" (a dropdown menu with "President" selected), and "Year:" (two dropdown menus, both with "2012" selected, separated by the word "to"). There are two buttons at the bottom: "ADD" and "NEXT".

Interface-23: If admin add proper information in interface 22 and press add then this message will show.

Interface-24: If admin press next then this interface will open.



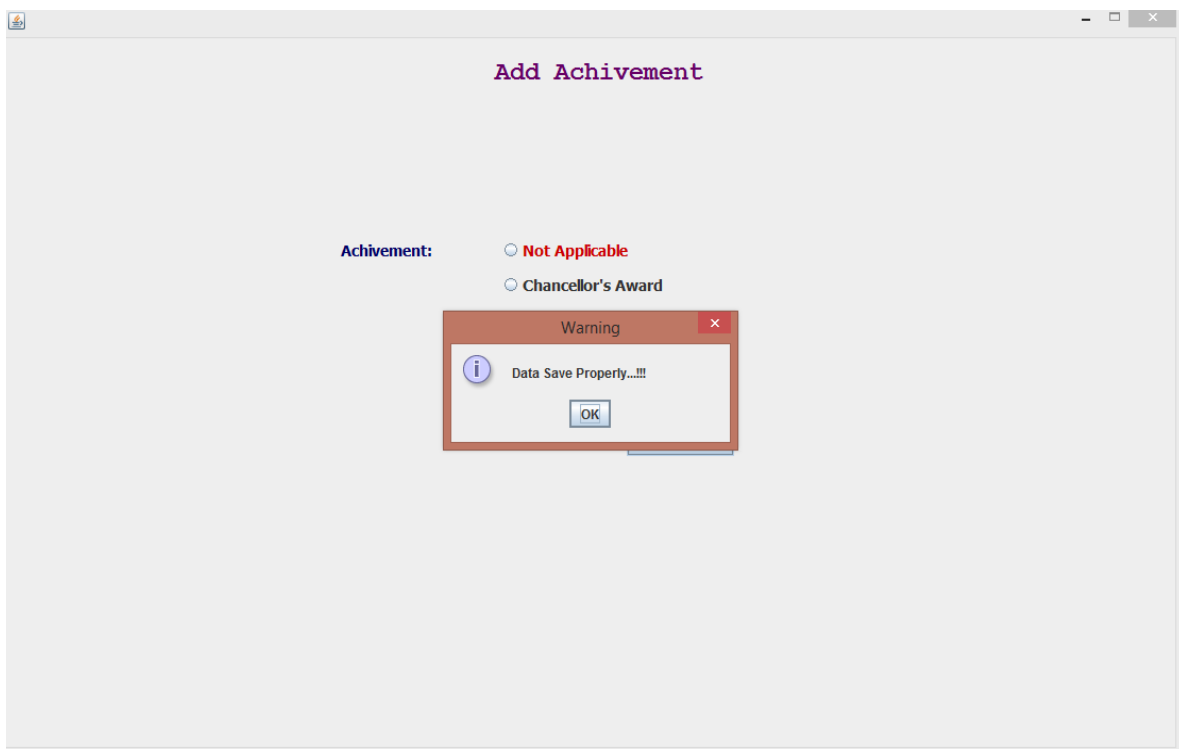
Add Achivement

Achivement:

- ☒ Not Applicable
- ☐ Chancellor's Award
- ☐ Vice Chancellor's Award
- ☐ Dean's Award
- ☐ Degree With Honour's

ADD

Interface-25: if admin select one or more option then this message will show.



Add Achivement

Achivement:

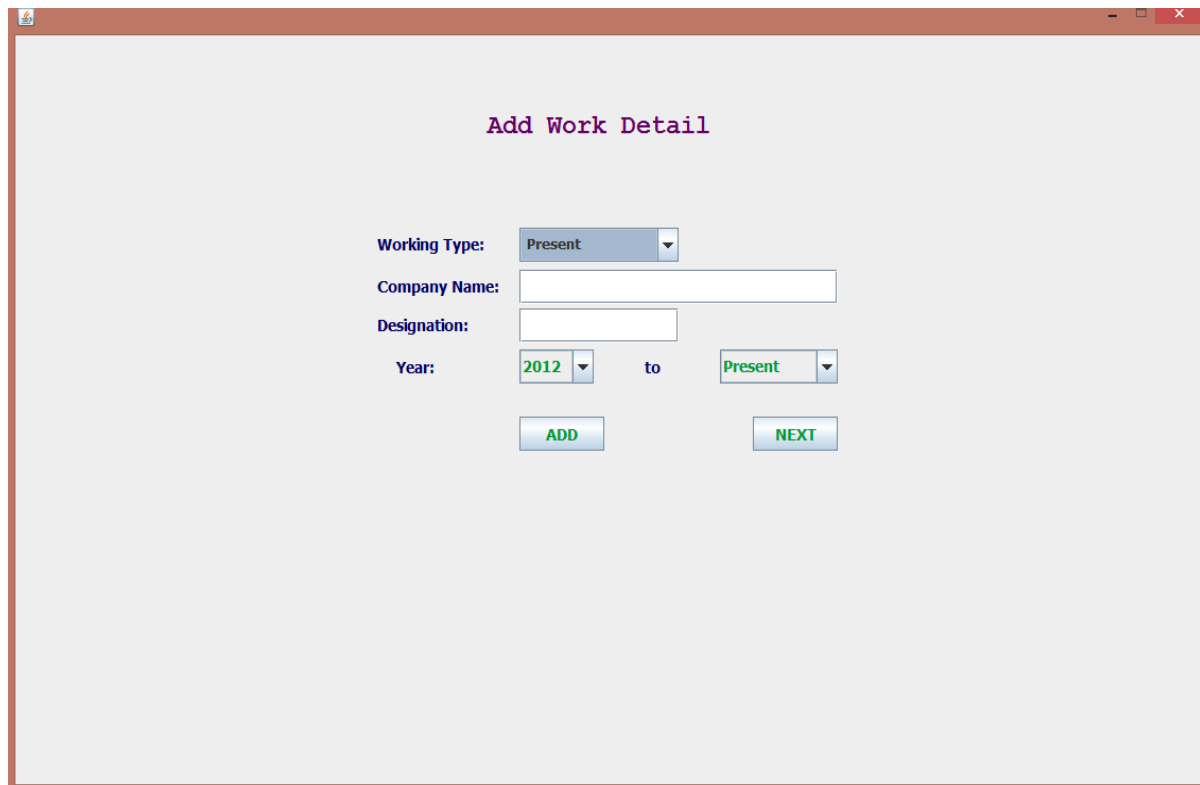
- ☐ Not Applicable
- ☐ Chancellor's Award

Warning

Data Save Properly...!!!

OK

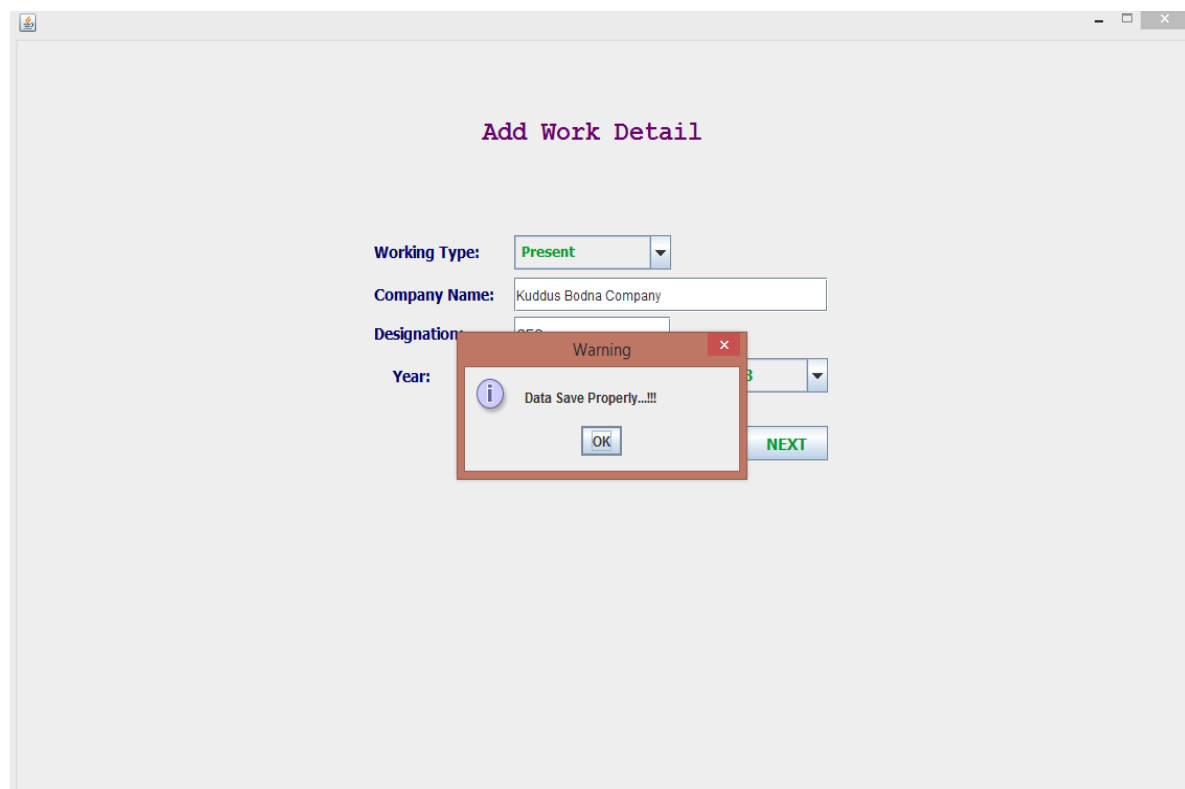
Interface-26: If admin add proper information in interface 24, then this interface is open.



The screenshot shows a web application window titled "Add Work Detail". The form contains the following fields and controls:

- Working Type:** A dropdown menu with "Present" selected.
- Company Name:** A text input field.
- Designation:** A text input field.
- Year:** A dropdown menu with "2012" selected, followed by the text "to", and another dropdown menu with "Present" selected.
- Buttons:** Two buttons labeled "ADD" and "NEXT" are positioned below the form fields.

Interface-27: If admin add proper information in interface 26 and press next then this message will show.



The screenshot shows the same "Add Work Detail" form as in Interface-26, but with the following changes:

- Working Type:** The dropdown menu now shows "Present" in green text.
- Company Name:** The text input field now contains "Kuddus Bodna Company".
- Designation:** The text input field now contains "SSC".
- Year:** The dropdown menu now shows "2012" in green text, followed by "to", and another dropdown menu showing "3" in green text.
- Buttons:** The "ADD" and "NEXT" buttons are still present.
- Warning Message:** A modal dialog box titled "Warning" is displayed over the form. It contains an information icon, the text "Data Save Properly...!!!", and an "OK" button.

Interface-28: If admin are select working type previous and fill up the data properly and press next then this message will show.

The screenshot shows a web application window titled 'Add Work Detail'. The form contains the following fields:

- Working Type:** A dropdown menu with 'Previous' selected.
- Company Name:** A text input field containing 'Mokles Bodna Company'.
- Designation:** A text input field containing 'CSE'.
- Year:** A dropdown menu with '2017' selected.

Below the form, there are two buttons: 'Previous' and 'NEXT'. A warning dialog box is displayed in the center of the screen with the title 'Warning' and the message 'Data Save Property...!!!'. The dialog box has an 'OK' button.

Interface-29: If the search basic information of interface 3 is found, then this will open. And sort by according to student id in ascending order.

The screenshot shows a web application window titled 'Basic Information'. It contains a table with the following columns: id, Name, Department, Batch, Passing Year, Mobile, and Email. The table is sorted by 'id' in ascending order. The table has 15 rows of data.

id	Name	Department	Batch	Passing Year	Mobile	Email
120303020007	Asia Khanom afa	CSE	Fall'12	2016	01979-908980	asia@gmail.com
130202020001	jbdskj	LLB	Summer'13	2013	01243974300	nysyau@yahoo.com
130203020005	Afaz	CSE	Summer'13	2017	01742-101010	afaz@gmail.com
130203020101	kuddus	CSE	Summer'13	2017	01920982890	asd@yahoo.com
140103020011	Shakil Ahmed Munna	CSE	Spring'14	2017	01790-898998	sakil@gmail.com
140203020002	Raihan	CSE	Summer'14	2018	01790297980	mir@gmail.com
140203020003	Rocksar Sultana afa	CSE	Summer'14	2018	01790-121212	rockstra@gmail.com
140203020005	TOPU	CSE	Summer'14	2018	01790-909090	topu05@gmail.com
140203020009	Nusrat khan	CSE	Summer'14	2018	0172888222	nusratkhan@yahoo.com
140203020010	Rubina Begum	CSE	Summer'14	2018	0179-909090	xyz@kuddus.net
140203020101	Rahat	CSE	Summer'14	2017	01790-297939	adrahat@gmail.com
140203020107	Mokles	CSE	Summer'14	2018	01920-192878	ased@gmail.com

Interface-30: If the search present working information of interface 3 is found, then this will open. And sort by according to company name in ascending order.

Present Working Information

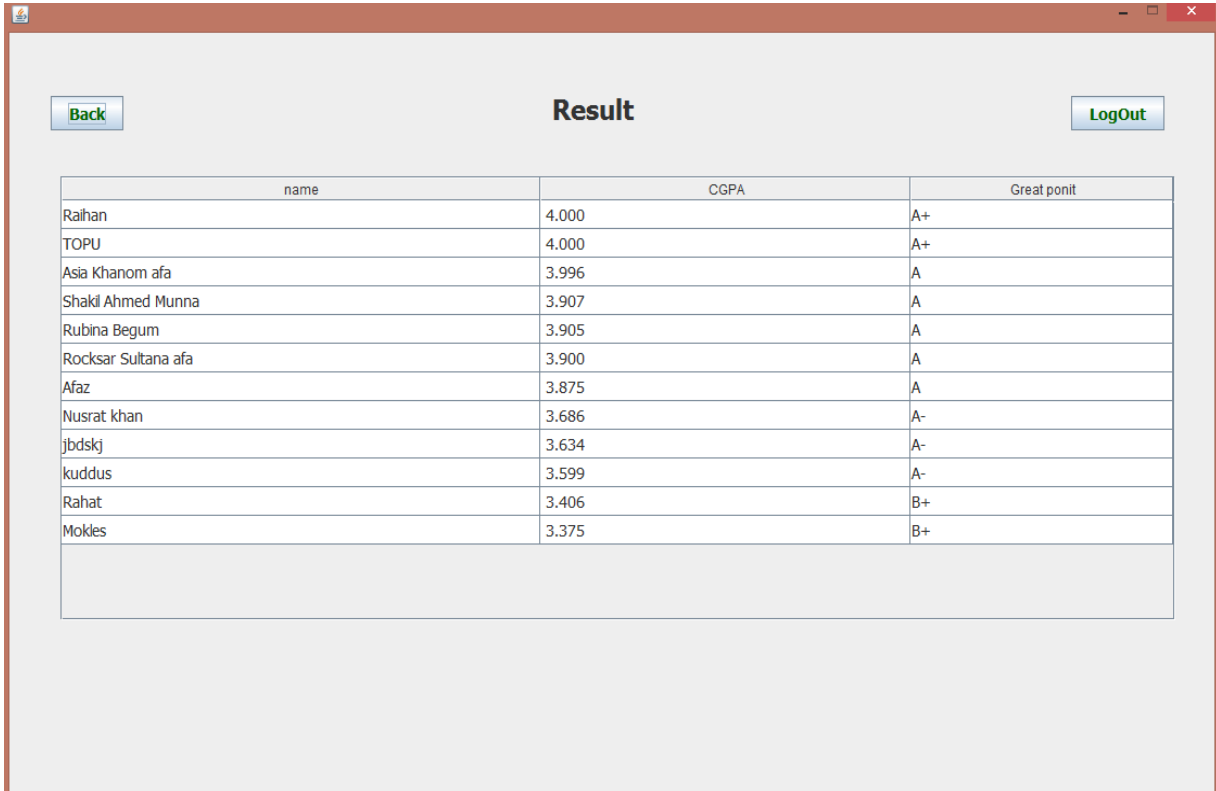
Name	Company	Designation
Mokles	Bangladesh Television	IT officer
Rocksar Sultana afa	Dingl Resturent	CEO
Raihan	Facebook	Assistant CEO
TOPU	kuddus Bodna company	IT officer
Rahat	Mokles bodna com	CEO
Asia Khanom afa	NEUB	Lecturer
Afaz	NEUB	Lecturer
Rubina Begum	NEUB Dept. of CSE	Head (Acting)
Shakil Ahmed Munna	Switch Bank	CEO

Interface-31: If the search present address of interface 3 is found, then this will open. And sort by according to district in ascending order.

Sort By Present Address

Name	House	road	block	Village (R/A)	Post Office	Police Station	District
Asia Khanom afa	102	9	N/A	Lama kaji	SYL-3100	Airport Model P.S.	Dhaka
jbdskj	5	n/a	n/a	wkdmw	wlkmw	dnnc	Idndks
Raihan	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Rocksar Sultana afa	6/A	n/a	n/a	Suraiya Tower, Borobazar, A...	SYL-3100	Airport Police Station	Nowakhali
Nusrat khan	7/c	n/a	n/a	subud bazer	sylhet,3100	Airport police	sylhet
Afaz	N/A	N/A	N/A	Vulagonji	Vulagonj Bazar	Sylhet	Sylhet
kuddus	30	9	H	Uposohor	SYL-3200	Shahporan Model Police Stati...	Sylhet
Mokles	22	3	b	tilaghor	sylhet-3100	sadar	Sylhet
Shakil Ahmed Munna	11/2	n/a	n/a	North Kazitula	SYL-3100	kotuali	Sylhet
Rubina Begum	12	4	A	Modina Market	SYL-3100	Airport	Sylhet
TOPU	20	9	A	xyz	abc	Blissonat	Sylhet
Rahat	16	2	B	Tilaghor	SYL-3100	Sadar	Sylhet

Interface-32: If the search result of interface 3 is found, then this will open. And sort by according to CGPA in ascending order.



name	CGPA	Great ponit
Raihan	4.000	A+
TOPU	4.000	A+
Asia Khanom afa	3.996	A
Shakil Ahmed Munna	3.907	A
Rubina Begum	3.905	A
Rocksar Sultana afa	3.900	A
Afaz	3.875	A
Nusrat khan	3.686	A-
jbdskj	3.634	A-
kuddus	3.599	A-
Rahat	3.406	B+
Mokles	3.375	B+

4. System Features

4.1 System Feature 1: Admin Panel

This project is fully secured because the only admin is exam controller or his assign person, when the admin enter the user name and password and press enter then the username and password is matched with database and start the project. Initially we setup the user name and password in the database.

4.2 System Feature 2: Home Page

In this project the landing page is the home page, from this page we can add information , search students by id or name, sort the student information by address , working information, result and id. If the admin want to close the database or logout from the project than he/she will logout by using 'logout' button.

4.3 System Feature 3: Add Information

In this page admin can add the basic information such that student id, name, father name, mother name, date of birth, email, mobile number, blood group, religion, passing year, convocation year. If the admin press next then the project will check if there is any field blank or not. If blank then an error message will show otherwise the data will save in database table name information. In the database we assign student id as a primary key.

4.4 System Feature 4: Add Permanent Address

In this page admin can add the permanent address information such that house number, road number, block number, village, post office, police station and district. If all the data are properly fill up then that data will add in the database table name address. In the address table of the database of the data base the primary key is the student id. This student id is comes from the first interface. If any field is blank then an error message will print.

4.5 System Feature 5: Add Present Address

In this page the admin has to choice if he/she select yes in the same as before filed then the data of the previous interface will saved in the database but if the admin can select no then he/she have to fill up all the data. If any field is blank then an error message will show

4.6 System Feature 6: Add Result

By the university rule one student must be complete his/her graduation by 12 semester. In this page there are 24 field, 12 is for credit and rest 12 is for CGPA. If the admin properly add the data of that fields than the data will store in the database table name result, where the primary key is student id. If any filed is blank than an error message will show.

4.7 System Feature 7: Add research and project

In the fourth year a student must be create a project or doing a thesis. In this interface the admin can add the research or project information for specific student. For project the admin have to fill up the project title, supervisor and year. And for thesis the admin have to fill up research area, thesis title, supervisor name, year and thesis paper title (if necessary). If the admin properly add the data of that fields than the data will store in the database table name research_project, where the primary key is student id. If any filed is blank than an error message will show.

4.8 System Feature 8: Add activity

If a student connected with any society or club authorized by the university then his such information will be store in that project if any student doesn't has such information than the admin will jump that interface by using next button otherwise the admin have to select the club name, designation, year (from - to). This information will store in the database table name activity.

4.9 System Feature 9: Add achievement

In this interface the admin can select the academic achievement of a student during his entire carrier. If there is no any such information then the admin has to select not applicable option. This information is store in the database table name achievement. In the table we use Boolean data to express different achievement. If the admin cannot select any data than there will show an error message.

4.10 System Feature 10: Add work detail

In this interface the admin can add present and previous work history of a student. If the admin select present in working type field than the data will be saved as present work otherwise the data will be saved as previous work history. In this interface the admin can add company name, designation and year. This data will be saved in work_in table of the database.

4.11 System Feature 11: Search

4.11.1 System Feature 11.1: Search by Id:

In the landing interface the admin can search a student by using by student id. If the id is match with an existing id then another interface will open. This interface contain id student name, father name, mother name, department, session, dob, email, blood group, passing year, convocation year, detail information of present and permanent address, CGPA, different activities during university, achievements, past and present working history etc. all of the data are comes from different table of the database except department and session. This two data calculated by using student id.

4.11.2 System Feature 11.2: Search by name

In the landing interface the admin can search a student by using by name of a student. If there match any name with the database then another interface will open. This interface contain id student name, father name, mother name, department, session, dob, email, blood group, passing year, convocation year, detail information of present and permanent address, CGPA, different activities during university, achievements, past and present working history etc. all of the data are comes from different table of the database except department and session. This two data calculated by using student id.

4.12 System Feature 12: Sort information

4.12.1 System Feature: Sort by id

In this interface the admin can view the basic information (such that-id, name, department, session, passing year, mobile number, email) of the students.

4.12.2 System Feature: Sort by work (company name)

In this interface the admin can view the present working history of the students. this interface will contain student name, company and designation. The information will comes by merging two table named the information and work_in.

4.12.3 System Feature: Sort by present address (district)

In this interface the admin can view the present address of the students. This interface will contain student name, house number, road number, block , village name, post office, police station and district . The information will come by merging two table named the information and address.

4.12.4 System Feature: Sort by result (CGPA)

In this interface the admin can view the results of the students. This interface will contain student name, CGPA, and grade letter. The information will come by merging two tables named the information and result. In this interface we calculate all the result of the student by using conventional result processing system.

4.13 System Feature 13: Logout

If the admin click the logout button than two action will be occur. At first the database connection will be closed and secondly the login interface will be open.

5. Other Nonfunctional Requirements

5.1 Safety Requirements

In this project there is no backup database so the administrator should have create the backup regularly.

5.2 Security Requirements

The admin of the project have to secure the user name and password.