

# Introduction to **NSTU EASYCLUB** Version 1.0.1



Developed by

**ROICHUDDIN RANA**

Student of BSSE

Institute of Information Technology

**Noakhali Science and Technology University**

E-Mail : [ranaswe2@gmail.com](mailto:ranaswe2@gmail.com)

# 1 Overview

Day by day university authorities all over the world are concerning about administrative and academic activities immensely as well as managing and providing a better academic experience to students effectively. However, maintaining and keeping track of university administrative activities is not an easy process in the fast-growing world. It requires hard work and often it is time consuming.

NSTU EASYCLUB will play an essential role in the current educational system of Noakhali Science and Technology University. Hopefully This application will be helpful through avoiding hand writing and manual paper (in many cases).

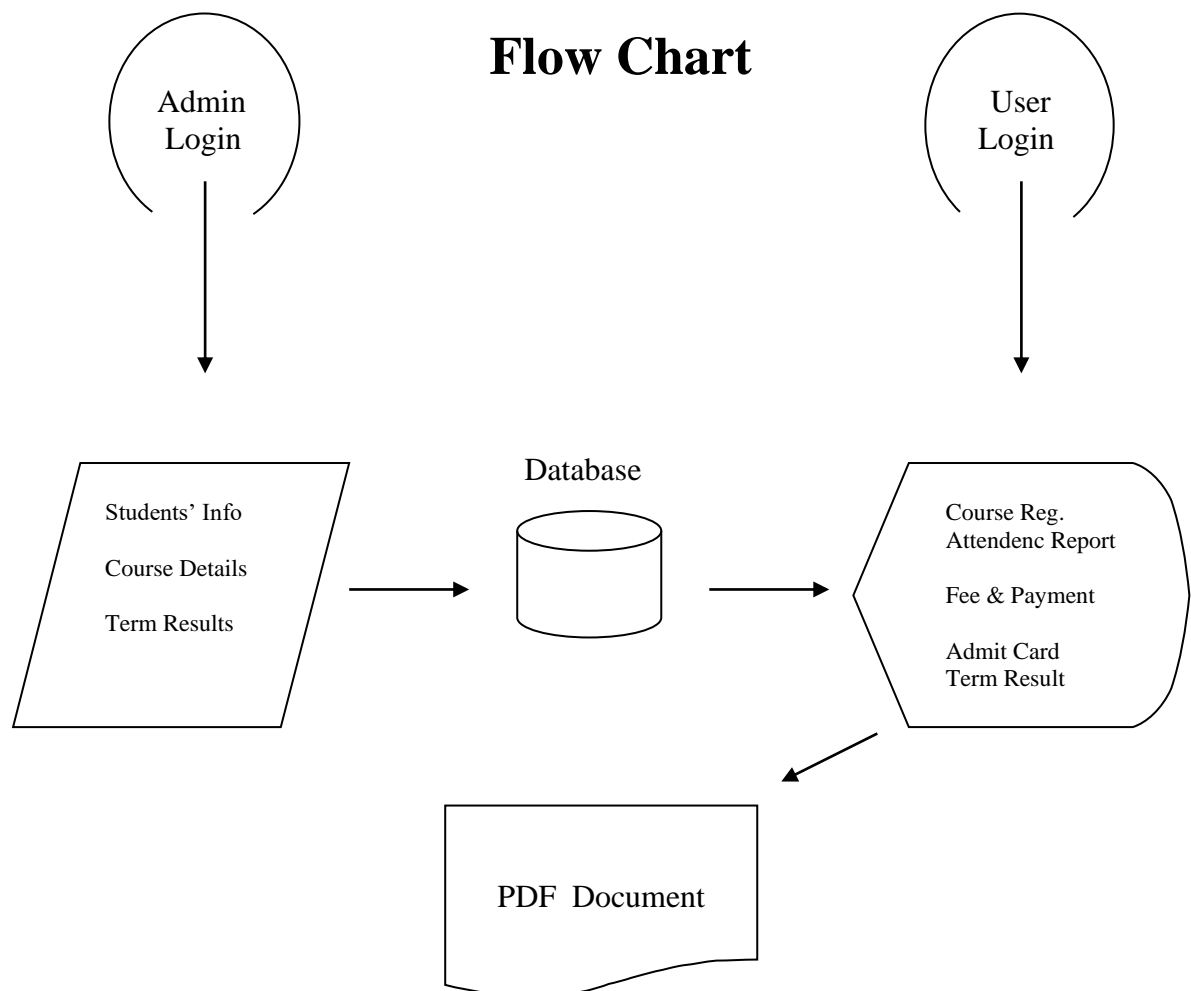
## 2 Title

Project Title : **NSTU EASYCLUB**

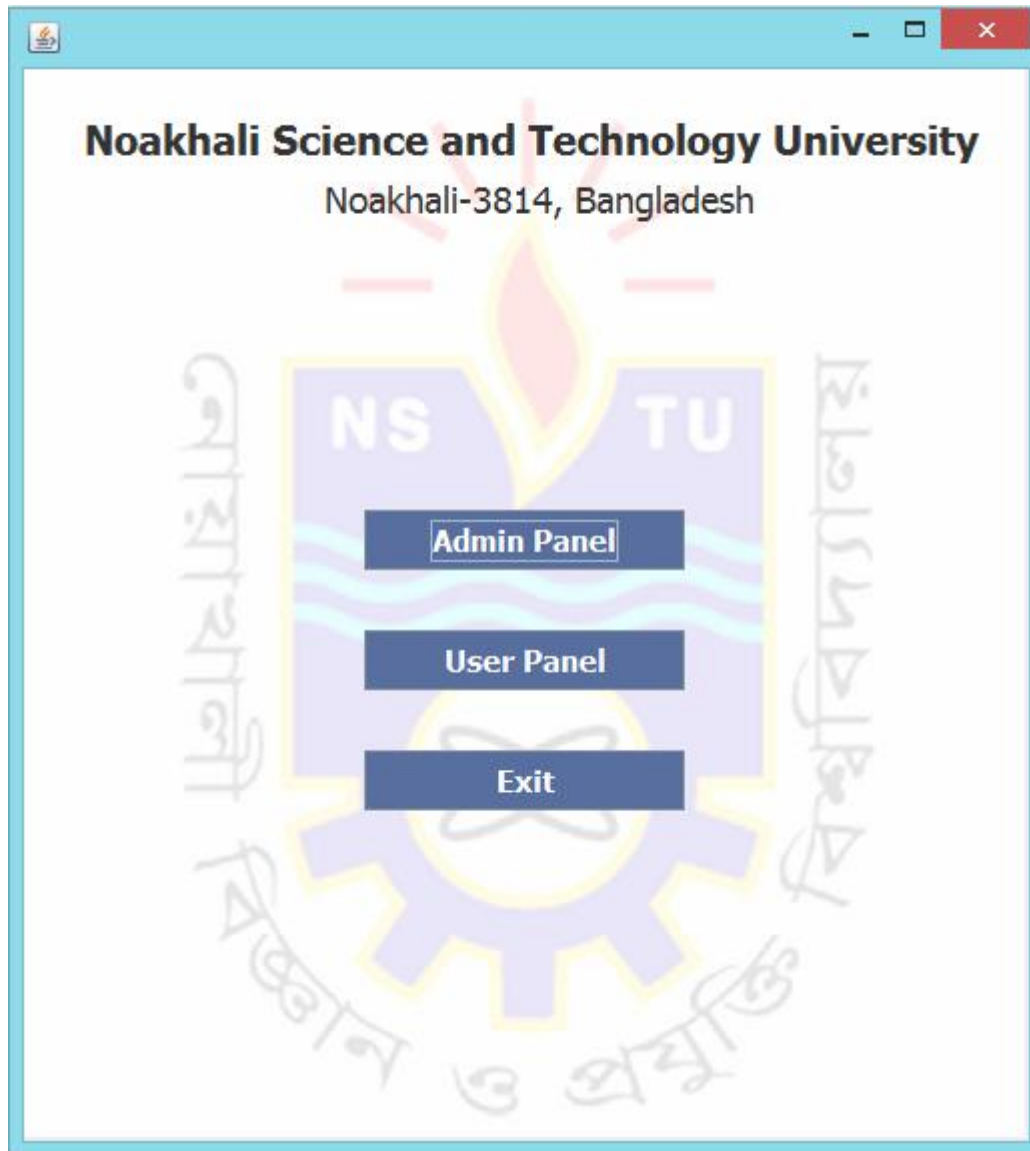
Project Type : University Management System

## 3 Why NSTU EASYCLUB

It's a software which basically used for paying all kinds bill of Fees, publishing (Admin) or getting (Student) Semester Result, downloading Course Registration form, Attendance Report, Admit Card etc.



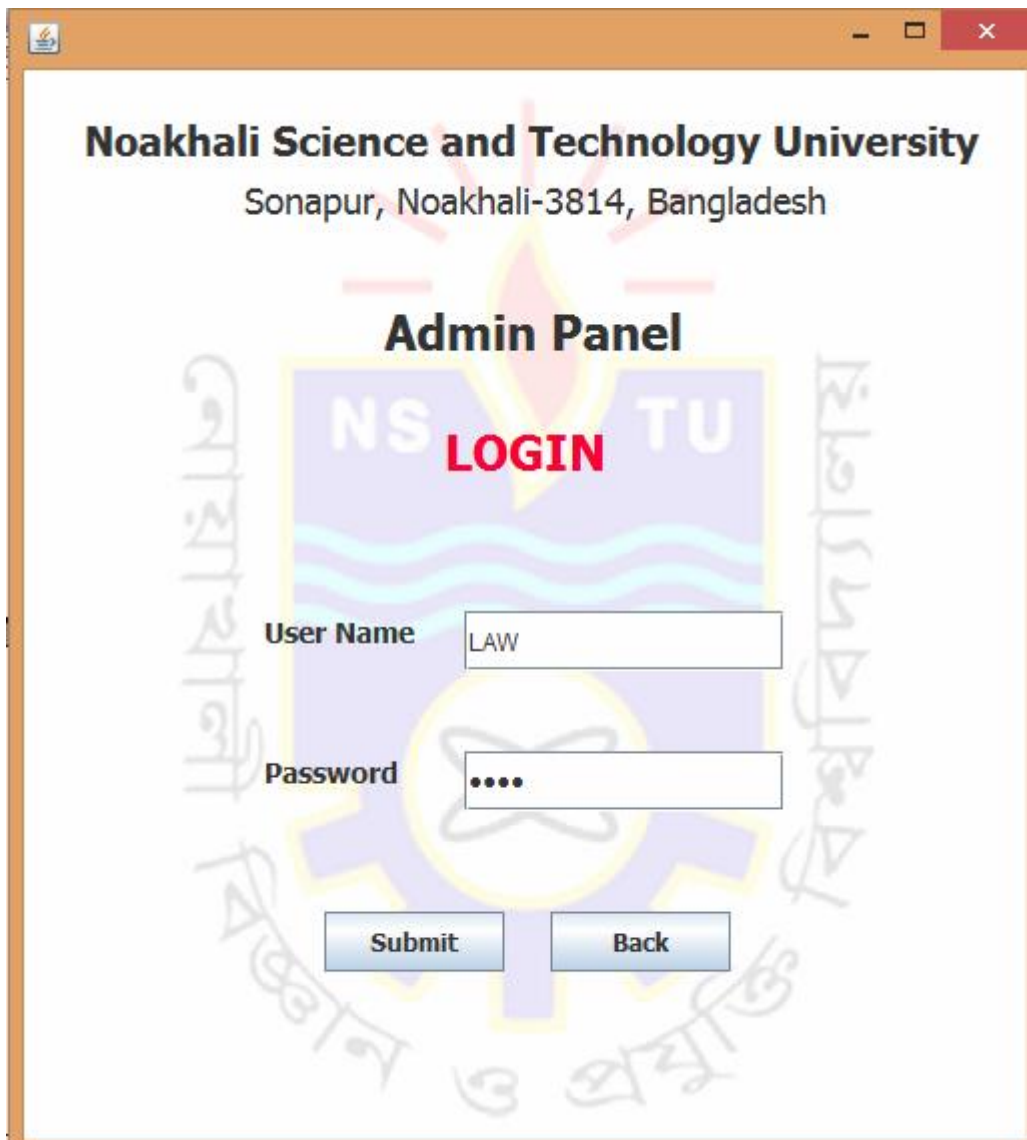
## 4 Features



## 4.1 Admin Panel

This features are available for 28 Departments and two Institutes. But in this section, we will see all features of Law Department.

### 4.1.1 Admin Panel Login Window



The screenshot shows a web browser window with a title bar. The main content area displays the university's name and address at the top. Below this is the 'Admin Panel' title and a large 'LOGIN' button. The login form includes fields for 'User Name' (containing 'LAW') and 'Password' (masked with dots). At the bottom are 'Submit' and 'Back' buttons. The background features a large, faint watermark of the university's crest and name in Bengali.

**Noakhali Science and Technology University**  
Sonapur, Noakhali-3814, Bangladesh

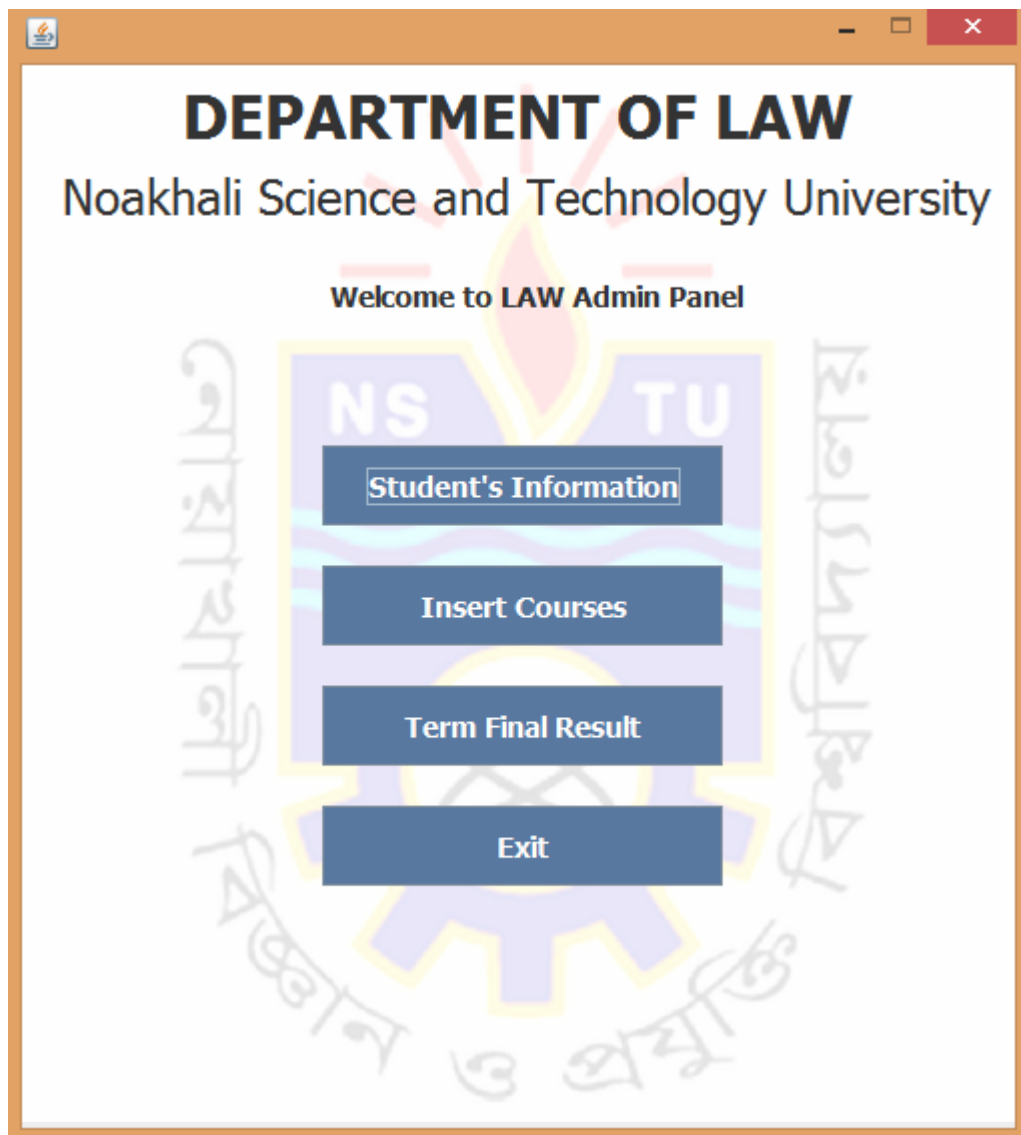
**Admin Panel**

**LOGIN**

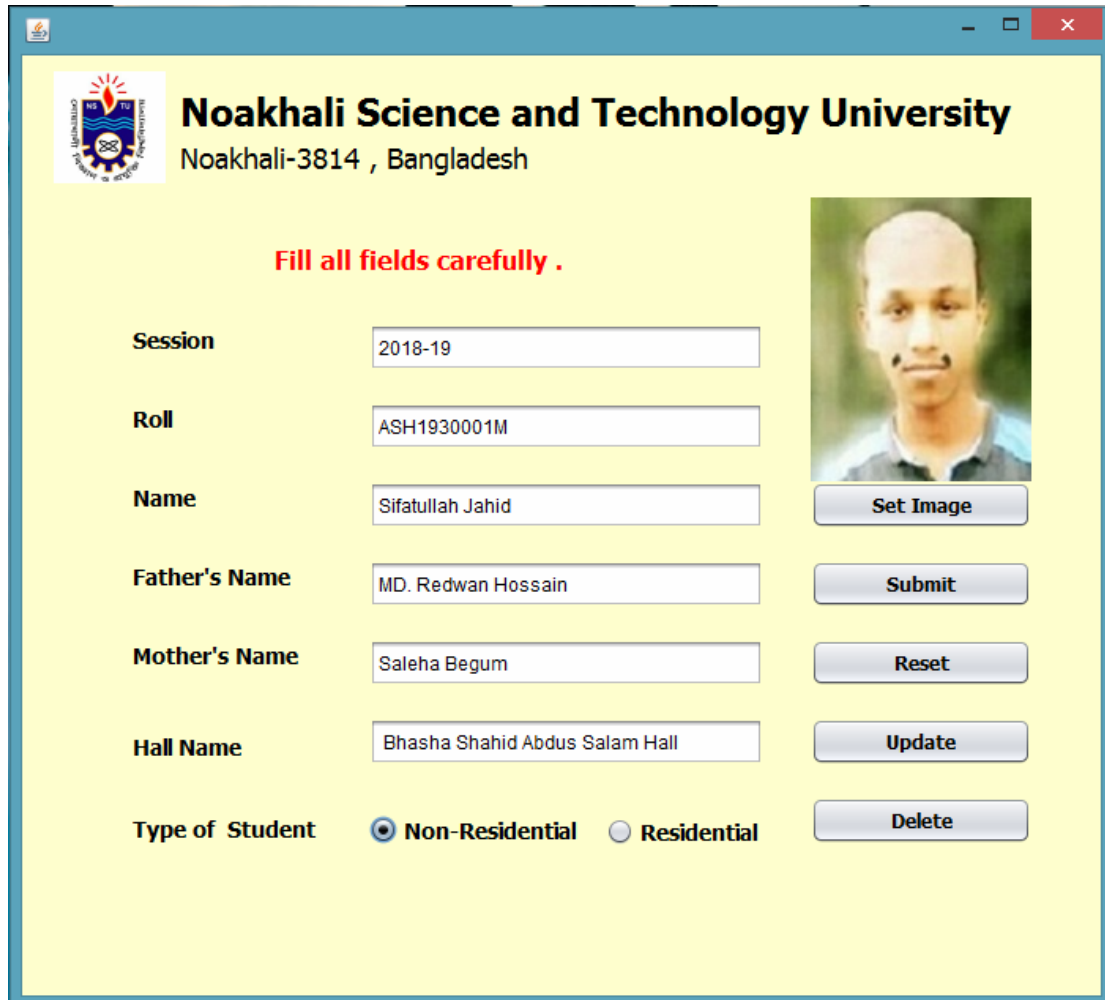
User Name


Password

#### 4.1.2 Admin Panel Workable Window




### 4.1.3 Students' Information Window



 **Noakhali Science and Technology University**  
Noakhali-3814 , Bangladesh

**Fill all fields carefully .**

Session	<input type="text" value="2018-19"/>	 <input type="button" value="Set Image"/>
Roll	<input type="text" value="ASH1930001M"/>	
Name	<input type="text" value="Sifatullah Jahid"/>	
Father's Name	<input type="text" value="MD. Redwan Hossain"/>	
Mother's Name	<input type="text" value="Saleha Begum"/>	
Hall Name	<input type="text" value="Bhasha Shahid Abdus Salam Hall"/>	
Type of Student	<input checked="" type="radio"/> Non-Residential <input type="radio"/> Residential	<input type="button" value="Submit"/> <input type="button" value="Reset"/> <input type="button" value="Update"/> <input type="button" value="Delete"/>

#### 4.1.4 Insert Courses Window



The screenshot shows a web application window titled "Noakhali Science and Technology University" with the address "Noakhali-3814, Bangladesh". The window contains a form for inserting a course. The form has four input fields: "Term" with the value "Year-1 Term-1", "Course Code" with the value "LAW 1101", "Course Title" with the value "AAAA BBBB CCCC DDDD", and "Course Credit" with the value "3". Below the input fields are four buttons: "Update", "Submit", "Reset", and "Delete".

**Noakhali Science and Technology University**  
Noakhali-3814, Bangladesh

**Course of LAW**

Term: Year-1 Term-1

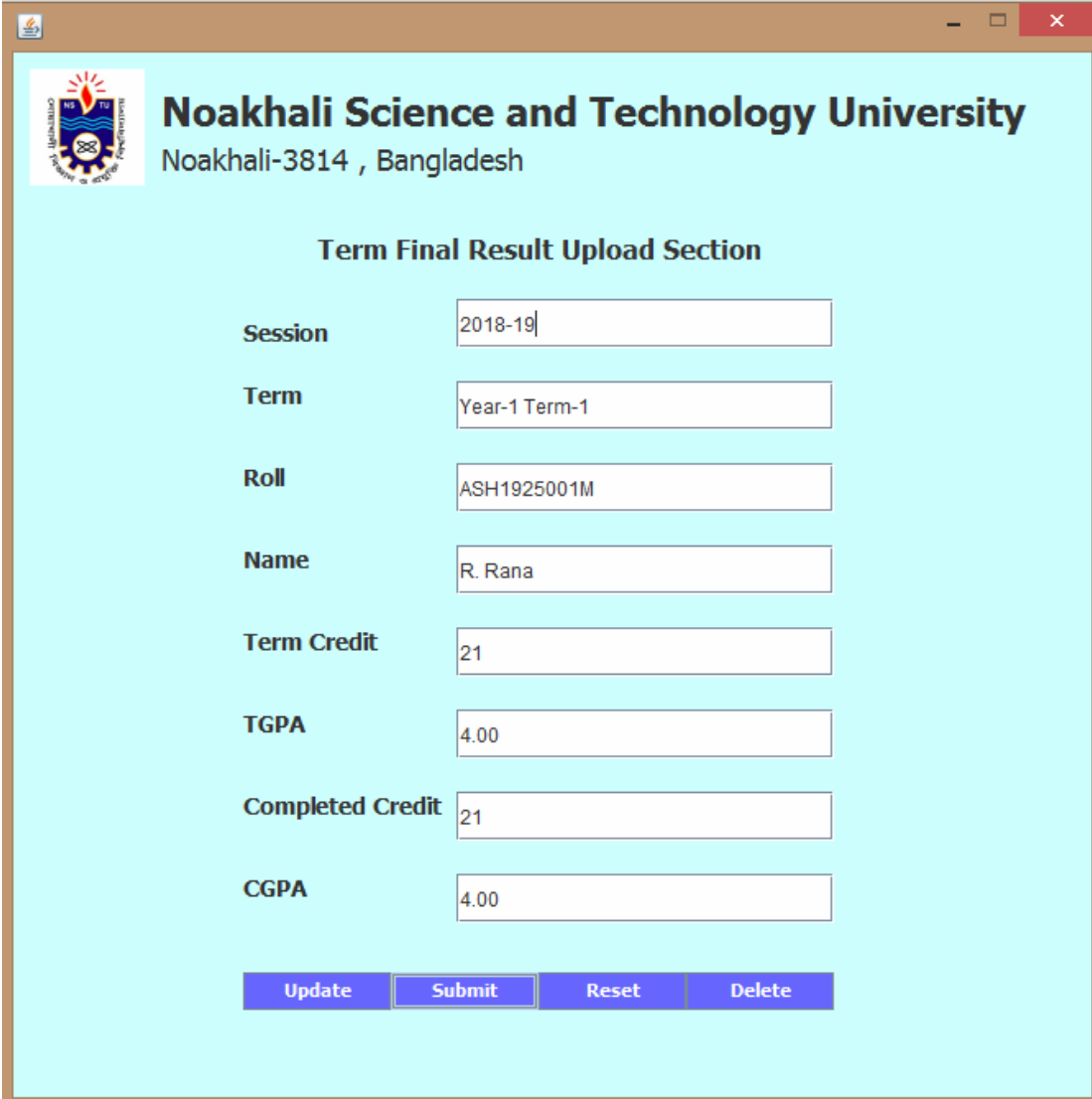
Course Code: LAW 1101


Course Title: AAAA BBBB CCCC DDDD

Course Credit: 3

Update Submit Reset Delete

#### 4.1.5 Term Final Result Upload Window



 **Noakhali Science and Technology University**  
Noakhali-3814 , Bangladesh

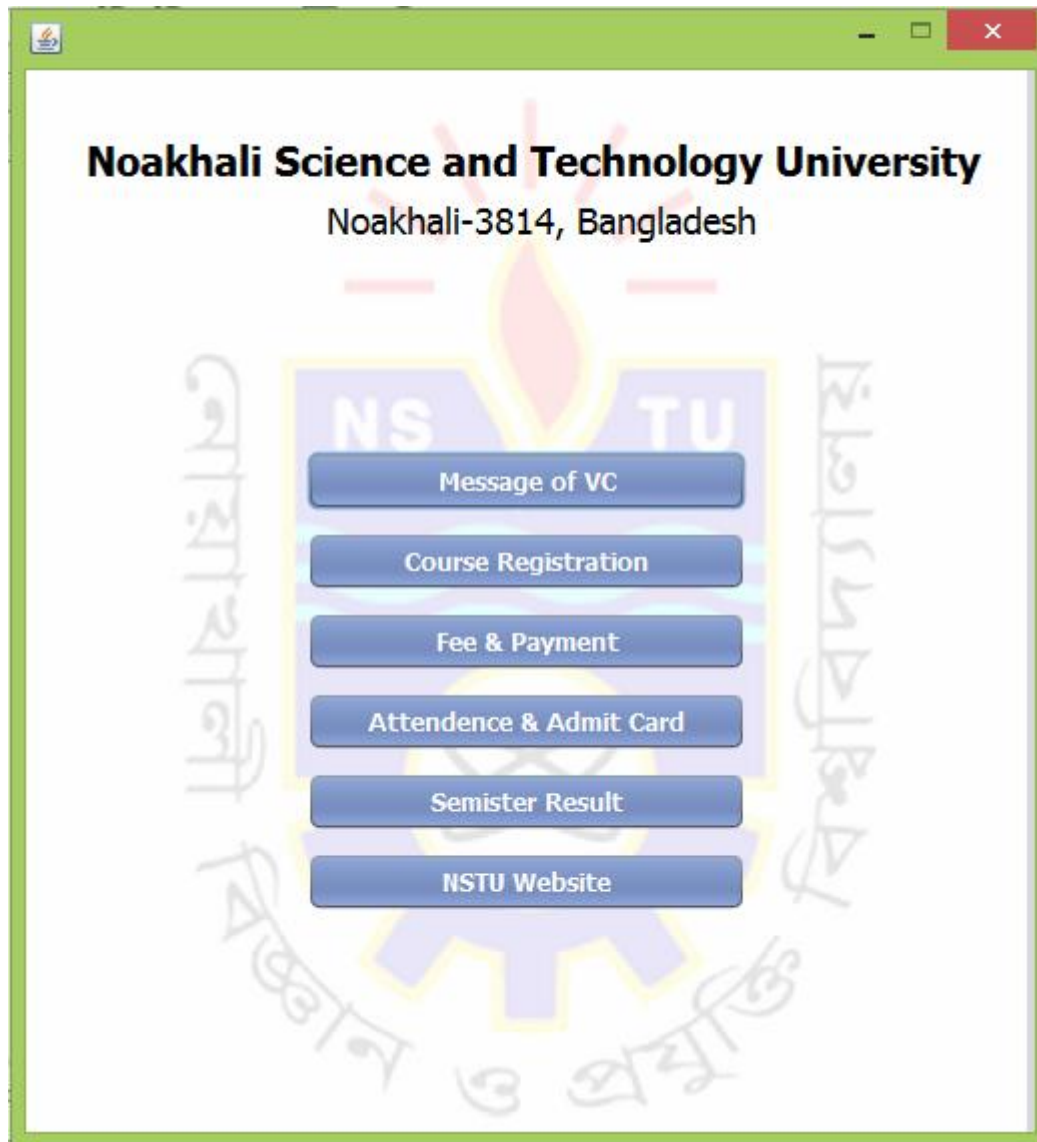
**Term Final Result Upload Section**

Session	2018-19
Term	Year-1 Term-1
Roll	ASH1925001M
Name	R. Rana
Term Credit	21
TGPA	4.00
Completed Credit	21
CGPA	4.00

[Update](#) [Submit](#) [Reset](#) [Delete](#)



## 4.2 User Panel



## 4.2.1 Course Registration

### 4.2.1.1 Login



The screenshot shows a web browser window with a green title bar. The page header features the university's logo on the left and the text "Noakhali Science and Technology University" and "Noakhali-3814, Bangladesh" on the right. The main content area is titled "Course Registration" and "Login Form" in red. It contains five form fields: "Department / Institute" (text input with "IIT"), "Session" (dropdown menu with "2018-19"), "Term" (dropdown menu with "Year-2\_Term-1"), "Program" (dropdown menu with "BSc"), and "Class Roll" (text input with "ASH1925003M"). At the bottom are "Submit" and "Reset" buttons.

**Noakhali Science and Technology University**  
Noakhali-3814, Bangladesh

**Course Registration**  
**Login Form**

Department / Institute :

Session :

Term :

Program :

Class Roll :

#### 4.2.1.2 Course Registration Frame

[ Course code may not correct at all. I used those code for example only. ]

**Noakhali Science and Technology University**  
Noakhali-3814, Bangladesh

**COURSE REGISTRATION FORM**


Department / Institute : IIT  
Program : BSc  
Name of Student : R. Rana  
Father's Name : MD. Akkas Ali Sikder  
Hall Name : Bhasha Shahid Abdus Salam Hall

Session : 2018-19  
Term : Year-2\_Term-1  
Class Roll : ASH1925003M  
Mother's name : Selina Begum  
Type of Student : Residential

Course Code	Course Title	Course Credit	Comment
CSE 2101	Algorithm Analysis	2	
CSE 2102	Algorithm Analysis Lab	1	
CSE 2103	Computer Networks	2	
CSE 2104	Computer Networks Lab	1	
MATH 2105	Numerical Analysis for fo...	2	
MATH 2106	Numerical Analysis for fo...	1	
SE 2107	Theory of Computation	2	
SE 2108	Theory of Computation I	1	


Save as PDF Back

### 4.2.1.3 Course Registration Form PDF


 <b>Noakhali Science and Technology University</b> <b>Noakhali-3814, Bangladesh</b>																																													
<b>COURSE REGISTRATION FORM</b>																																													
<p> <b>Hall Name :</b> Bhasha Shahid Abdus Salam Hall    <b>Type of Student :</b> Residential  <b>Department / Institute :</b> IIT    <b>Session :</b> 2018-19  <b>Program :</b> BSSE    <b>Term :</b> Year-2_Term-2  <b>Name of Student :</b> R. Rana    <b>Class Roll :</b> ASH1925003M  <b>Father's Name :</b> MD. Akkas Ali Sikder    <b>Mother's name :</b> Selina Begum </p>																																													
<table border="1"> <thead> <tr> <th>Course Code</th> <th>Course Title</th> <th>Credit</th> <th>Comment</th> </tr> </thead> <tbody> <tr> <td>CSE 1201</td> <td>Data Structure</td> <td>1</td> <td></td> </tr> <tr> <td>CSE 1202</td> <td>Data Structure Lab</td> <td>2</td> <td></td> </tr> <tr> <td>CSE 1203</td> <td>Computer Organization</td> <td>2</td> <td></td> </tr> <tr> <td>CSE 1204</td> <td>Computer Organization Lab</td> <td>1</td> <td></td> </tr> <tr> <td>GE 1209</td> <td>History of Emergence of Bangladesh</td> <td>3</td> <td></td> </tr> <tr> <td>GE 1211</td> <td>Bengali Literature</td> <td>3</td> <td></td> </tr> <tr> <td>MATH 1205</td> <td>Ordinary Differential Equations</td> <td>3</td> <td></td> </tr> <tr> <td>SE 1213</td> <td>Object Oriented Concepts I</td> <td>2</td> <td></td> </tr> <tr> <td>SE 1214</td> <td>Object Oriented Concepts I Lab</td> <td>1</td> <td></td> </tr> <tr> <td>STAT 1207</td> <td>Probability and Statistics for Engineers II</td> <td>3</td> <td></td> </tr> </tbody> </table>		Course Code	Course Title	Credit	Comment	CSE 1201	Data Structure	1		CSE 1202	Data Structure Lab	2		CSE 1203	Computer Organization	2		CSE 1204	Computer Organization Lab	1		GE 1209	History of Emergence of Bangladesh	3		GE 1211	Bengali Literature	3		MATH 1205	Ordinary Differential Equations	3		SE 1213	Object Oriented Concepts I	2		SE 1214	Object Oriented Concepts I Lab	1		STAT 1207	Probability and Statistics for Engineers II	3	
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STAT 1207	Probability and Statistics for Engineers II	3																																											
<p> <b>TGPA :</b> _____  Y-1 T-1   Y-1 T-2   Y-2 T-1   Y-2 T-2   Y-3 T-1   Y-3 T-2   Y-4 T-1   Y-4 T-2 </p>																																													
<b>Course Coordinator(Sign &amp; Seal)</b> <p>*****</p>																																													
<p> <b>Student :</b> _____ <b>Date :</b> _____  <b>Chairman :</b> _____ <b>Date :</b> _____  <b>Dean / Director :</b> _____ <b>Date :</b> _____  <b>Provost :</b> _____ <b>Date :</b> _____  <b>Exam Controller :</b> _____ <b>Date :</b> _____ </p>																																													

## 4.2.2 Attendance Report and Admit Card

This Feature is same as the feature of Course Registration.



**Noakhali Science and Technology University**  
Noakhali-3814, Bangladesh



**ATTENDANCE REPORT FORM**

Hall Name : Bhasha Shahid Abdus Salam Hall    Type of Student : Residential  
Department / Institute : IIT    Session : 2018-19  
Program : BSSE    Term : Year-2\_Term-2  
Name of Student : R. Rana    Class Roll : ASH1925003M  
Father's Name : MD. Akkas Ali Sikder    Mother's name : Selina Begum

Course Code	Course Title	Credit	Attendance(%)	Comment
CSE 1201	Data Structure	1		
CSE 1202	Data Structure Lab	2		
CSE 1203	Computer Organization	2		
CSE 1204	Computer Organization Lab	1		
GE 1209	History of Emergence of Bangladesh	3		
GE 1211	Bengali Literature	3		
MATH 1205	Ordinary Differential Equations	3		
SE 1213	Object Oriented Concepts I	2		
SE 1214	Object Oriented Concepts I Lab	1		
STAT 1207	Probability and Statistics for Engineers II	3		

Course Coordinator(Sign & Seal)  
\*\*\*\*\*

Student : \_\_\_\_\_ Date : \_\_\_\_\_  
Chairman : \_\_\_\_\_ Date : \_\_\_\_\_  
Dean / Director : \_\_\_\_\_ Date : \_\_\_\_\_  
Provost : \_\_\_\_\_ Date : \_\_\_\_\_  
Exam Controller : \_\_\_\_\_ Date : \_\_\_\_\_



**Noakhali Science and Technology University**  
Noakhali-3814, Bangladesh

*BSSE Year-2\_Term-2 Final Examination 2020*

>>> ADMIT CARD <<<



Hall Name : Bhasha Shahid Abdus Salam Hall    Type of Student : Residential

Department / Institute : IIT

Session : 2018-19

Name of Student : R. Rana

Class Roll : ASH1925003M

Father's Name : MD. Akkas Ali Sikder

Mother's name : Selina Begum

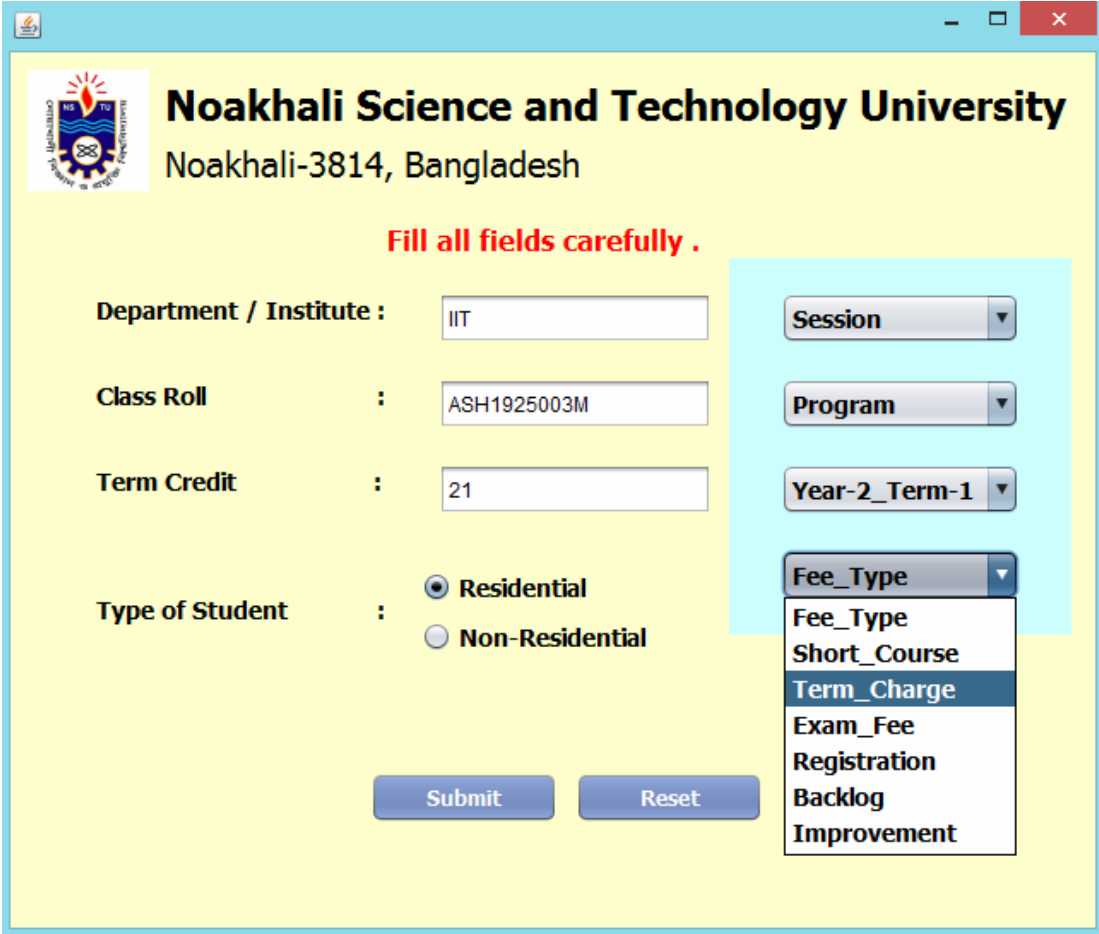
\_\_\_\_\_  
Student

\_\_\_\_\_  
Controler of Examination  
(Sign & Seal)

\*\*\*\*\*

## 4.2.3 Fee and Payment

### 4.2.3.1 Login Form



The screenshot shows a web application window for Noakhali Science and Technology University. The header includes the university's logo and name, along with its address. Below the header, a red instruction text reads "Fill all fields carefully .". The form contains several input fields and dropdown menus. The "Department / Institute" field is set to "IIT". The "Class Roll" field is set to "ASH1925003M". The "Term Credit" field is set to "21". The "Type of Student" field has two radio buttons: "Residential" (selected) and "Non-Residential". To the right of these fields, there are four dropdown menus: "Session", "Program", "Year-2\_Term-1", and "Fee\_Type". The "Fee\_Type" dropdown is open, showing a list of options: "Fee\_Type", "Short\_Course", "Term\_Charge", "Exam\_Fee", "Registration", "Backlog", and "Improvement". At the bottom of the form, there are two buttons: "Submit" and "Reset".

**Noakhali Science and Technology University**  
Noakhali-3814, Bangladesh

**Fill all fields carefully .**

Department / Institute : IIT

Class Roll : ASH1925003M

Term Credit : 21

Type of Student : ☒ Residential ☐ Non-Residential

Session

Program


Year-2\_Term-1

Fee\_Type

- Fee\_Type
- Short\_Course
- Term\_Charge
- Exam\_Fee
- Registration
- Backlog
- Improvement

Submit Reset

#### 4.2.3.2 Fee Details Form



**Noakhali Science and Technology University**  
Noakhali-3814, Bangladesh

**Term Charge of BSSE Year-2\_Term-1**

Department / Institute : IIT

Session : 2018-19

Name of Student : R. Rana

Class Roll : ASH1925003M

Father's Name : MD. Akkas Ali Sikder

Mother's name : Selina Begum

Hall Name : Bhasha Shahid Abdus Salam Hall

Type of Student : Residential

**Fee Details**

Credit Hour Fee (CrX50)	BDT	1050.0
Transport Fee	BDT	300.0
Admission Fee	BDT	1000.0
Central Library Fee	BDT	500.0
Seminar Library Fee	BDT	500.0
Student Trust Fund	BDT	100.0
Seat Rent and Electricity Charge	BDT	1200.0
Total	BDT	4650.0

Save as PDF

Back



### 4.2.3.3 Fee Details (Term Charge PDF)

<b>Noakhali Science and Technology University</b>	
Noakhali-3814, Bangladesh	
Bank Account Number : 0200005326540	
<b>Term Charge of BSSE Year-2_Term-1( Session : 2018-19 )</b>	
<b>Bank Copy</b>	
Hall Name : Bhasha Shahid Abdus Salam Hall	Type of Student : Non-Residential
Department / Institute : IIT	Class Roll : ASH1925003M
Name of Student : R. Rana	
Father's Name : MD. Akkas Ali Sikder    Mother's name : Selina Begum	
Provost (Sign & Seal)	Director/Chairman (Sign & Seal)
<b>Fee Details</b>	
Credit Hour Fee (CrX50)	BDT 1087.5
Transport Fee	BDT 420.0
Admission Fee	BDT 1000.0
Central Library Fee	BDT 500.0
Seminar Library Fee	BDT 500.0
Student Trust Fund	BDT 100.0
Seat Rent and Electricity Charge	BDT 0.0
Total	BDT 3607.5
Officer (Sign & Seal)	Cashier
*****	
<b>Noakhali Science and Technology University</b>	
Noakhali-3814, Bangladesh	
Bank Account Number : 0200005326540	
<b>Term Charge of BSSE Year-2_Term-1( Session : 2018-19 )</b>	
<b>Student's Copy</b>	
Hall Name : Bhasha Shahid Abdus Salam Hall	Type of Student : Non-Residential
Department / Institute : IIT	Class Roll : ASH1925003M
Name of Student : R. Rana	
Father's Name : MD. Akkas Ali Sikder    Mother's name : Selina Begum	
Provost (Sign & Seal)	Director/Chairman (Sign & Seal)
<b>Fee Details</b>	
Credit Hour Fee (CrX50)	BDT 1087.5
Transport Fee	BDT 420.0
Admission Fee	BDT 1000.0
Central Library Fee	BDT 500.0
Seminar Library Fee	BDT 500.0
Student Trust Fund	BDT 100.0
Seat Rent and Electricity Charge	BDT 0.0
Total	BDT 3607.5
Officer (Sign & Seal)	Cashier
*****	

[This PDF file has more 4 (four) part like Halls' Copy, Departments' copy etc.]

## 4.2.4 Semester Result

### 4.2.4.1 Login Window



The screenshot shows a web browser window with a light blue background. In the top left corner is the university's logo, which features a gear and a book. To the right of the logo, the text "Noakhali Science and Technology University" is displayed in bold, followed by "Noakhali-3814, Bangladesh". Below this, the heading "Login for Term Result" is written in red. The login form consists of four rows, each with a label and an input field: "Department" with a text box containing "IIT", "Session" with a dropdown menu showing "2018-19", "Term" with a dropdown menu showing "Year-1\_Term-2", and "Roll" with a text box containing "ASH1925001M". A blue "Submit" button is centered at the bottom of the form.

**Noakhali Science and Technology University**  
Noakhali-3814, Bangladesh

**Login for Term Result**

**Department**

**Session**

**Term**

**Roll**

**Submit**

#### 4.2.4.2 Semester Result Window

The screenshot shows a web application window for Noakhali Science and Technology University. The window has a blue title bar with standard Windows controls. The main content area has a yellow background. On the left is the university's logo. The text on the page reads: 'Noakhali Science and Technology University', 'Noakhali-3814, Bangladesh', 'Result of Undergraduate Year-1\_Term-2 Final Examination', 'INSTITUTE OF INFORMATION TECHNOLOGY', and 'Session : 2018-19'. A light blue box in the center contains the student's details: 'Roll : ASH1925001M', 'Name : MD RAJU BISWAS', 'TGPA : 3.33', 'Term Credit : 21', 'CGPA : 3.38', and 'Completed Credit : 42'. At the bottom are two buttons: 'Search Again' and 'Exit'.

**Noakhali Science and Technology University**  
Noakhali-3814, Bangladesh

**Result of Undergraduate Year-1\_Term-2 Final Examination**  
**INSTITUTE OF INFORMATION TECHNOLOGY**  
**Session : 2018-19**

Roll : ASH1925001M  
Name : MD RAJU BISWAS  
TGPA : 3.33  
Term Credit : 21  
CGPA : 3.38  
Completed Credit : 42

Search Again      Exit

## 5 Deliverables

i. Source code ii. Documentation iii. User Manual

## 6 Timeline

Task	Deadline
Requirement Analysis, Specification	Within 8 May
Designing, Study	Within 15 May
Coding	Within 22 May
Final Testing	Within 5 June

Table 6.1: Timeline

## 7 Work Distribution

The work distribution is described in Table 7.1

Task	Active Member
Project Proposal	Roichuddin Rana
Requirement Analysis, Specification	Roichuddin Rana
Designing, Study	Roichuddin Rana
Coding	Roichuddin Rana
Testing	

Table 7.1: Work Distribution

## 8 Requirements

### ❑ Requirements for software development

- Java SWING
- Java GUI
- Database Library ( MySQL )
- PDF Library ( iText )
- Software : 1) Netbeans 2) Xampp

### ❑ Requirements for USER

- Desktop/laptop with Windows System Software