Hajee Mohammad Danesh Science & Technology University

Project Name: HSTUinfo

Course Code: CSE 252
Course Title: Application Development (Sessional)

<u>Submitted by:</u>

Mohadeb Kumar   ID: 1702047
Level-2   Semester-II

Abstract

The project "HSTUinfo" is developed in JAVA language. Which mainly focuses on the knowing about HSTU's information such as Teacher details, Faculties details and other information of HSTU. Using this application, any user can get every information about HSTU institute.

Keyword: Faculties, Insertion. Hajee Mohammad Danesh Science & Technology University (HSTU), Information (info).

Introduction of the project:

To know information about our university easily we need an organized way. So, we are going to introduced a project "HSTUinfo" which is developed in JAVA language. This project mainly focuses on the information of Hajee Mohammad Danesh Science & Technology University (HSTU) for example: Teacher details, Faculties details and other information of HSTU. Using this application, any user can get every information about HSTU institute.

Objectives of the project:

- It provides "better and efficient service.
- Reduce time to get information of HSTU institute.
- Faster way to get information about Teacher, Faculties and other information of HSTU.
- It also provides useful option such as Back, Exit and Scrolling to make efficient.

Inspirations of the Project:

- Student Information System and
- Informative type project inspired me to make this project.

Description of the project:

- This project holds all information about HSTU.
- First "Home page" are divided into 6 main categories.
- Every category contains valuable information of HSTU.
- Six categories are:

i) About Hajee Mohammad Danesh.

ii) HSTU at a Glance

iii) Faculties information.

iv) Building information

v) Admission details.

vi) Bus Schedule.

- This section also divided into subcategories.

- This, every section will provide valuable details.

- This project also holds Teacher's information.

- On this teacher's information some function can be performed such add, search, delete etc.

Advantages:

- This software is mainly constructed depending on HSTU information,

- So, every user will be more benefited using this.

- User easily find information.

- Easily get Teacher information such as Name, Phone No, Email as well as Room No.

- They also get update information & other activities over this software.

Technical Description:

The major facilities and functionalities of this project are:

1. **About Hajee Mohammad Danesh:** This section will provide sort message about Honorable Hajee Mohammad Danesh.

2. **HSTU At a Glance:** In this section, the summary of HSTU will be displayed.

3. **Faculties Information**: Here, we will get all information about Faculties as well as Department.

4. **Building Information:** In this section, all building's related data will be displayed.

5. **Admission Details:** we can get admission details here.

6. **Bus schedule:** We will also able to get Bus schedule from here.

Technical Tools Used:

Hardware Requirement for User:

- Processor: Pentium 3.0 or higher

- RAM: 1024 MB/ 1GB

- Hard Drive: 1 GB or more.

Software we have used:

- Operating System: Windows 10.

- Data Base: MySQL connector.

- Language: Java

- Framework: Java frame work.

Technology Used:

- JDK (Java Development Kit)
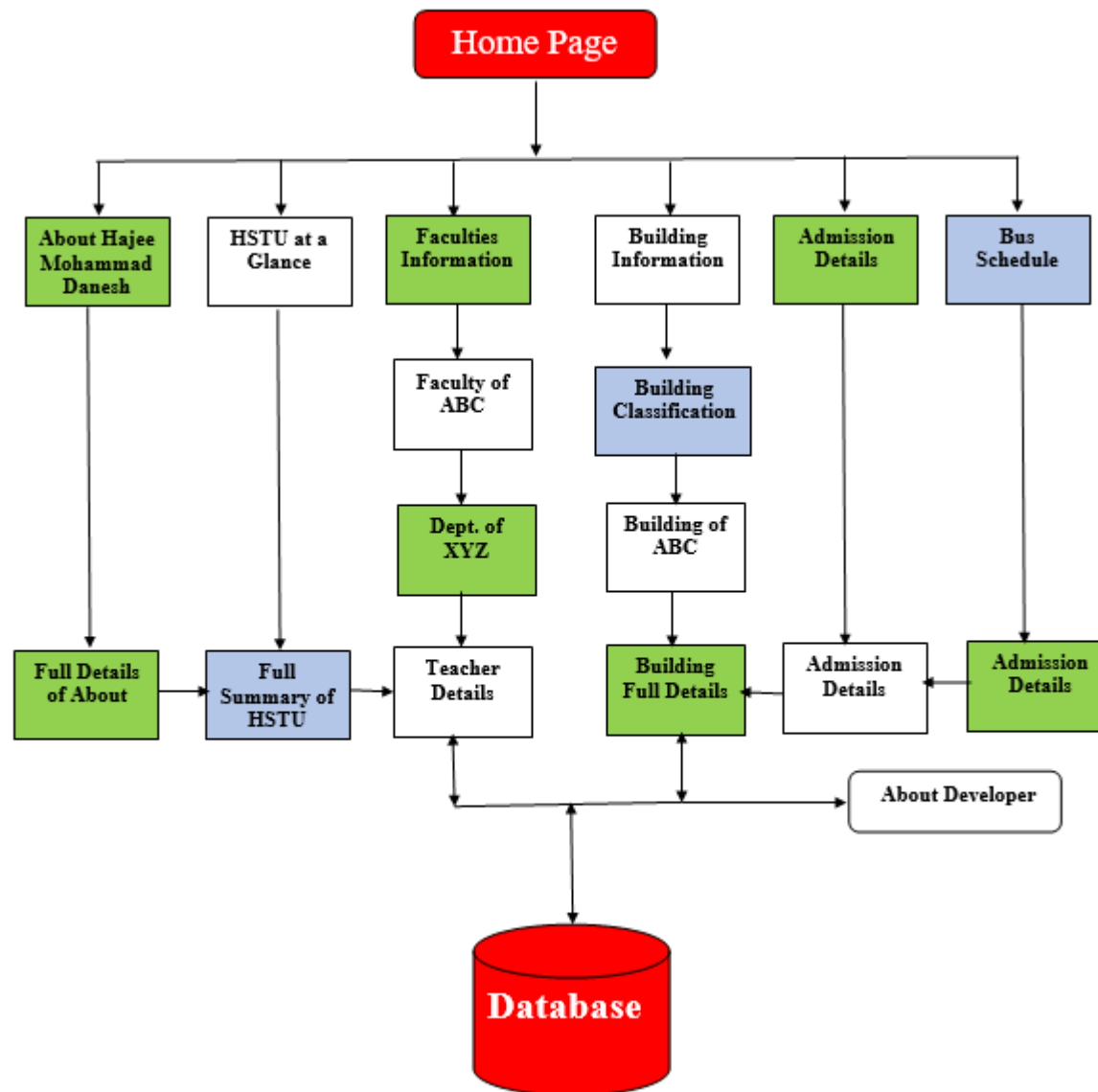- JDBC (Java Database Connectivity)

Development Tools:
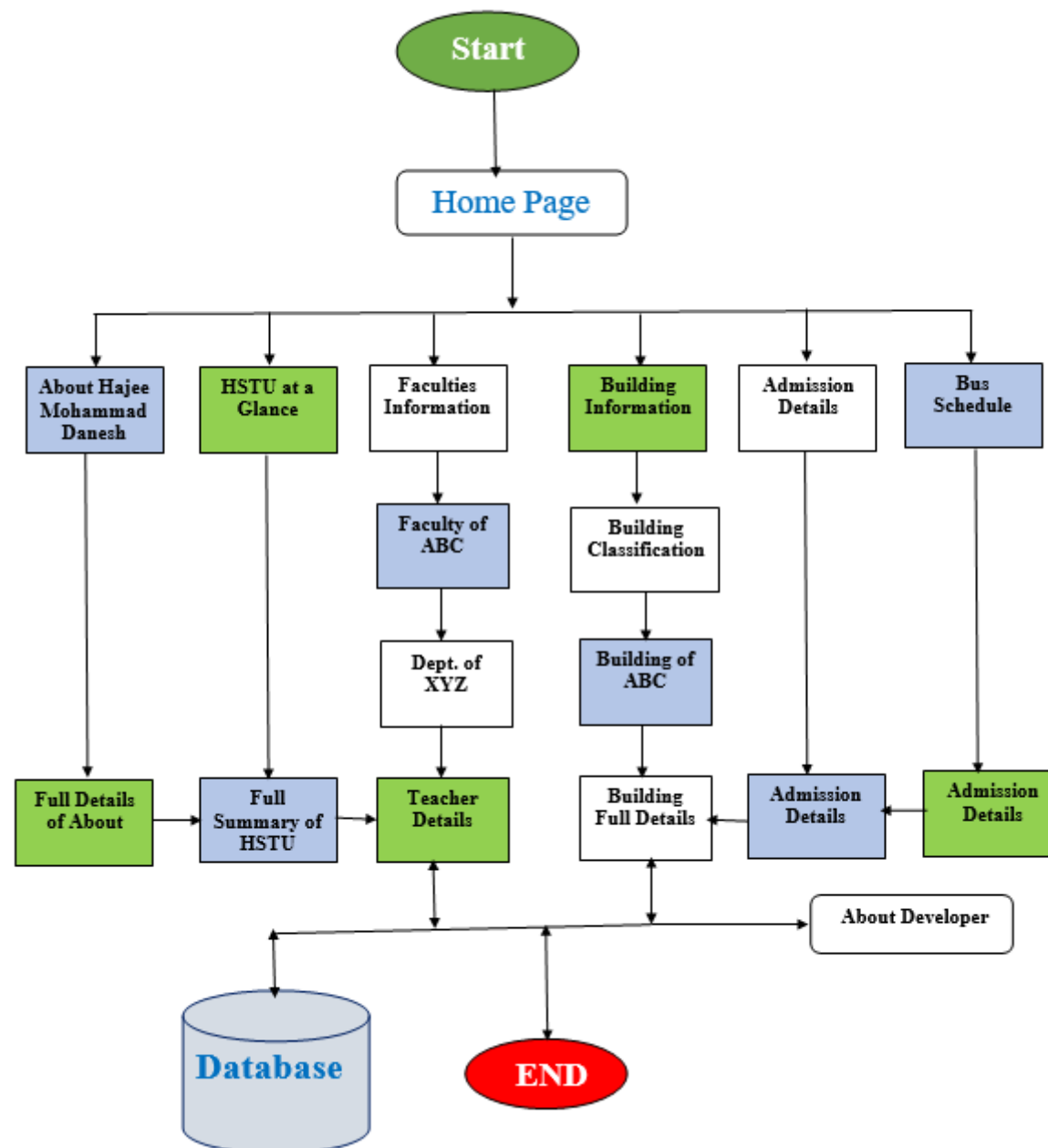
- NetBeans IDE.

Data Storage:

- All data are stored in database.
- Table is given per datatype below:

	Field name	Data type
1	Name	varchar
2	Designation	Varchar
3	Email	Varchar
4	Phone No	int
5	Rome No	Int
6	Dept	Varchar
7	Faculty	Varchar

Project's Internal Structure:

Flowchart of the entire project execution steps:

Algorithm of the entire project execution steps:

1. Start

2. Show "Home page".

3. Show Home page Options:

     i)   About Hajee Mohammad Danesh.

     ii)   HSTU at a Glance

     iii) Faculties information.

     iv) Building information

     v)   Admission details.

     vi) Bus Schedule.

4. If Option 1: show the details about Hajee Mohammad Danesh.

5. Else if Option 2: show details of HSTU at a glance.

6. Else if Option 2: show page of Faculties information

7. Else if Option 2: show page of Building information

8. Else if Option 2: show details of Admission Details.

9. Else if Option 2: show details of Bus Schedule

10. Else (Exit program).

11. Use back option to go back.

12. End

Full Description & Output of the Project:

Back

Hajee Mohammad Danesh (1900-1986)

...ohammad Danesh (1900-1986) was a peasant leader and politician. He was born in Sultanpur ...in Dinajpur District. He obtained his M.A. in History from Aligarh Muslim University in 1931 and ...L. degree in 1932. In the 1930s, Danesh became active in the communist organisations of Bengal, especially the Bengal provincial organisation of the Communist Party of India. He was arrested twice in 1938 by the government of Bengal for his participation in the Tebhaga movement, an agitation in northern Bengal against zamindars landlords for landless peasants and sharecroppers who sought a greater share of the yield, most of which was surrendered to the zamindars. Danesh was one of the few Muslim communist leaders of the struggle, and worked to mobilise the Muslim peasantry in favour of the movement. In 1945, he joined the All India Muslim League, but was later expelled for his participation in the continuing Tebagha movement, and re-arrested by the Bengal government in 1946. After the partition of India and Bengal in 1947, Danesh remained in his home district of Dinajpur, which fell in Muslim-majority East Bengal, which became part of the newly created Muslim state of Pakistan. He died in Dhaka on 28 June 1986.

About Hajee Mohammad Danesh:

After pressing "About Hajee Mohammad Danesh" button, this page will appear. This page contains sort message about Honorable "Hajee Mohammad Danesh".

Hajee Mohammad Danesh
Science & Tecnology University (HSTU), Dinajpur

Foundation Stone Set Up: 11 September 1999

Founded By: Honourable Prime Minister Sheikh Hasina

First batch of the students ware admitted at that time **(1999-2000 session).**

The act of University was passed on **8 July 2001** in the Jatio Shongsad **(National Assembly)** was followed by a gazette notification on **8 April 2002**

Land Area: 85 Acres

Location: About 10km North from the dinajpur town & west side of Dhaka-Dinajpur highway

No.of Faculties
(1) Agriculture
(2) Computer Science & Engineering (CSE)
(3) Business Studies
(4) Engineering
(5) Fisheries
(6) Veterinary & Animal Science
(7) Science
(8) Social Science & Humanities and
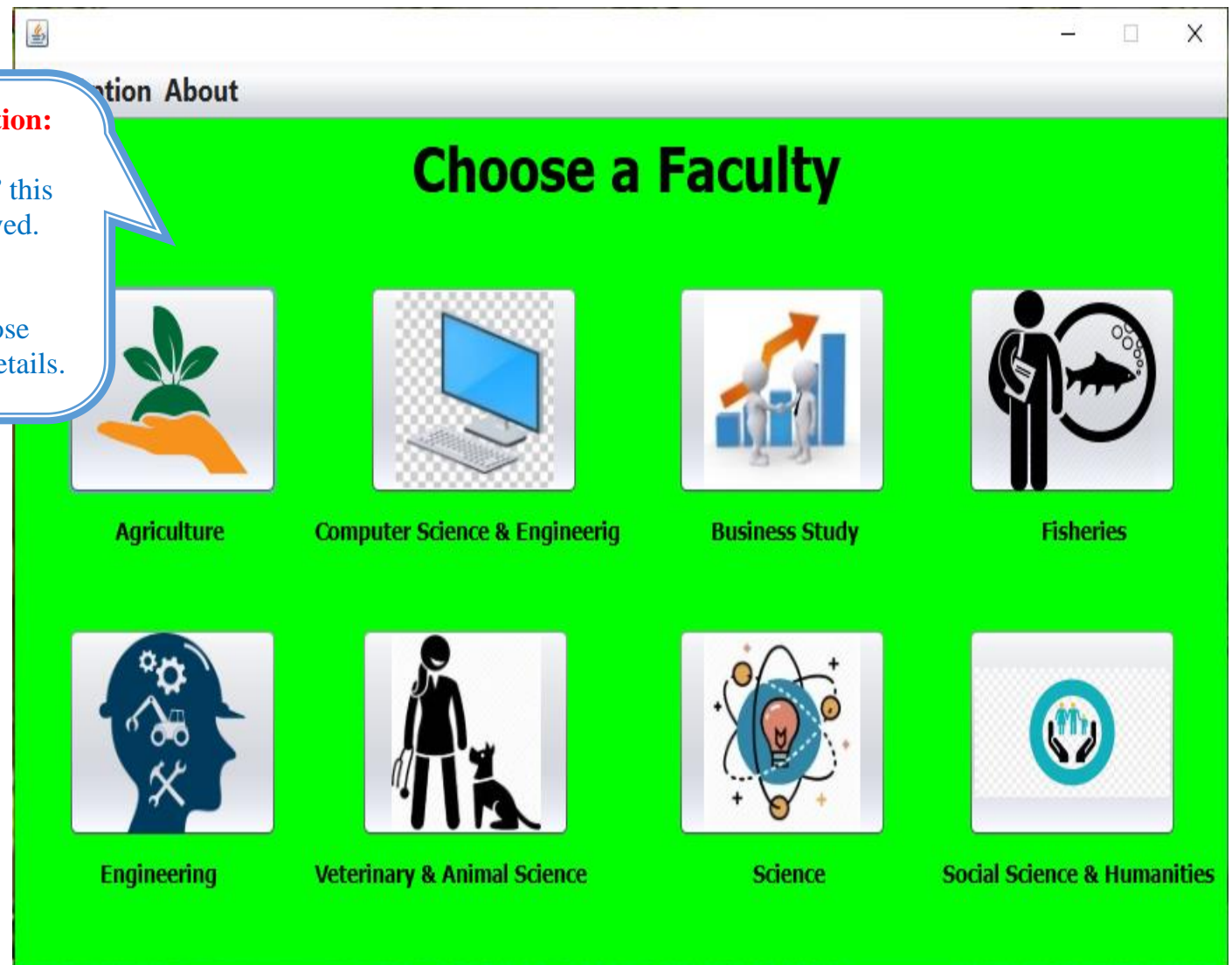(9) Post Graduate Studies.

No. of Degrees:
BSc in Agriculture (Hons.)
BSc in Computer Science and Engineering,
BSc in Electronic and Communication Engineering,
BSc in Electrical and electronics Engineering,
BBA in Accounting and Information System,
BBA in Management,
BBA in Marketing,
BBA in Finance,
BSc in Fisheries (Hons.),
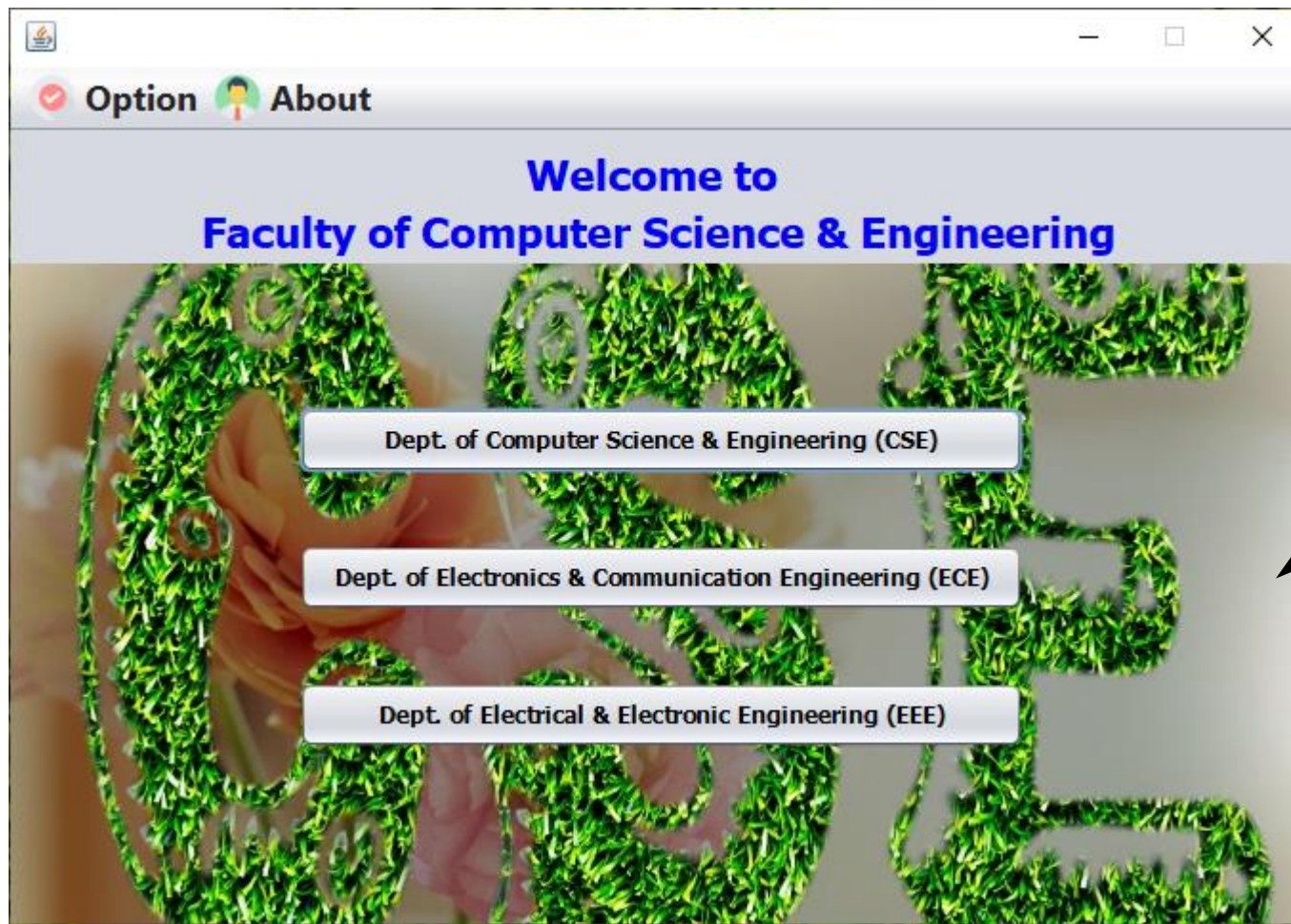BSc in Food and Process Engineering,

HSTU at a Glance:
When we click to the "HSTU at a Glance" button then this form will be appeared. From this page we will get summary information of HSTU.
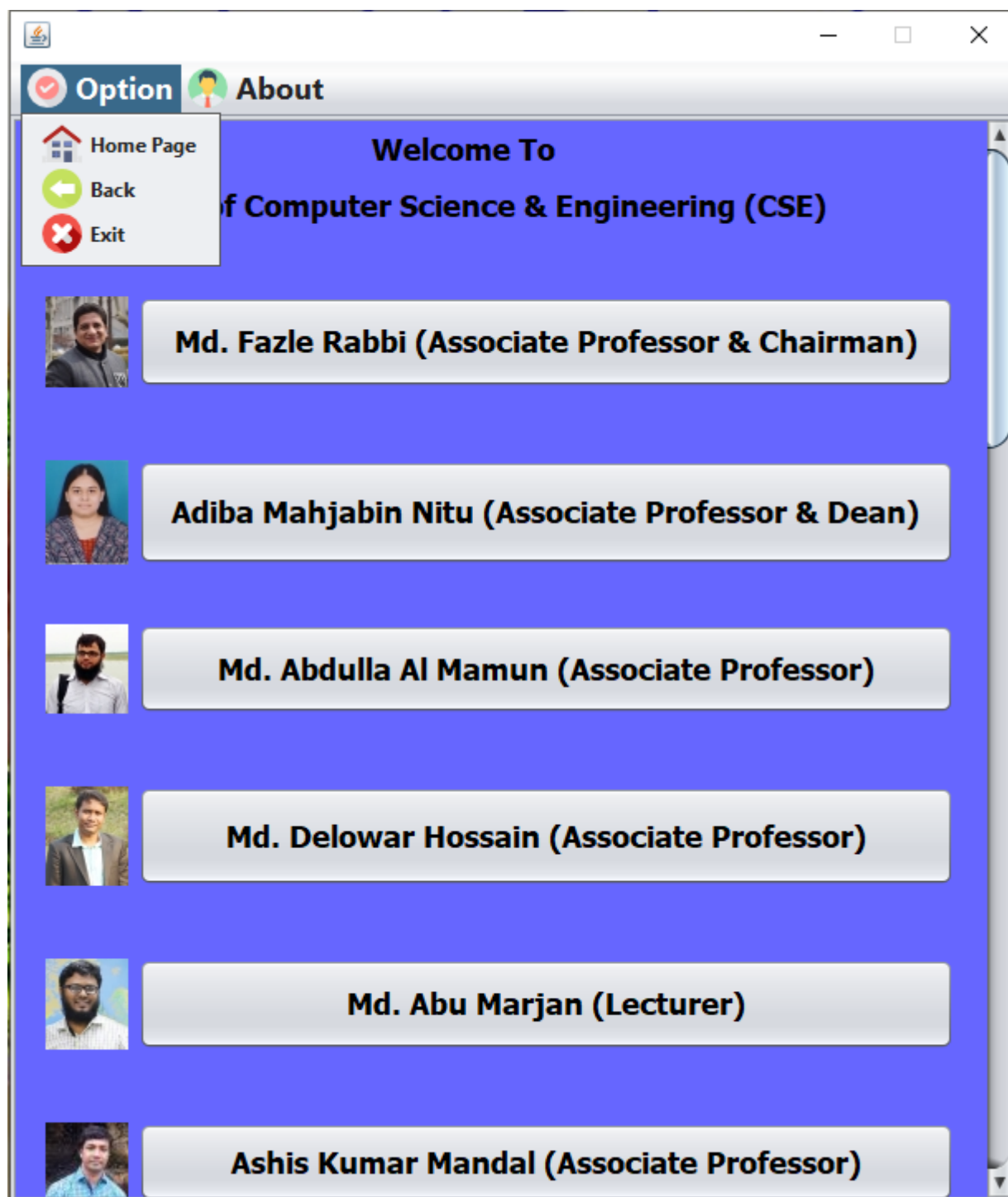
Choose a Faculty

Faculties Information:
Pressing "Faculties information button" this page will be displayed. Here, displayed all respective Faculties names. we can choose one to view more details.

Agriculture

Computer Science & Engineerig

Business Study

Fisheries

Engineering

Veterinary & Animal Science

Science

Social Science & Humanities

If we choose "Faculty of Computer Science & Engineering" Button this page will come to view. Here we can see a list of Department names.

Option   About

Home Page
Back
Exit

Welcome To

of Computer Science & Engineering (CSE)

Md. Fazle Rabbi (Associate Professor & Chairman)

Adiba Mahjabin Nitu (Associate Professor & Dean)

Md. Abdulla Al Mamun (Associate Professor)

Md. Delowar Hossain (Associate Professor)

Md. Abu Marjan (Lecturer)

Ashis Kumar Mandal (Associate Professor)

By Pressing "Respective Honorable Teacher" button this page is displayed. This page contains full details of respective Teacher.
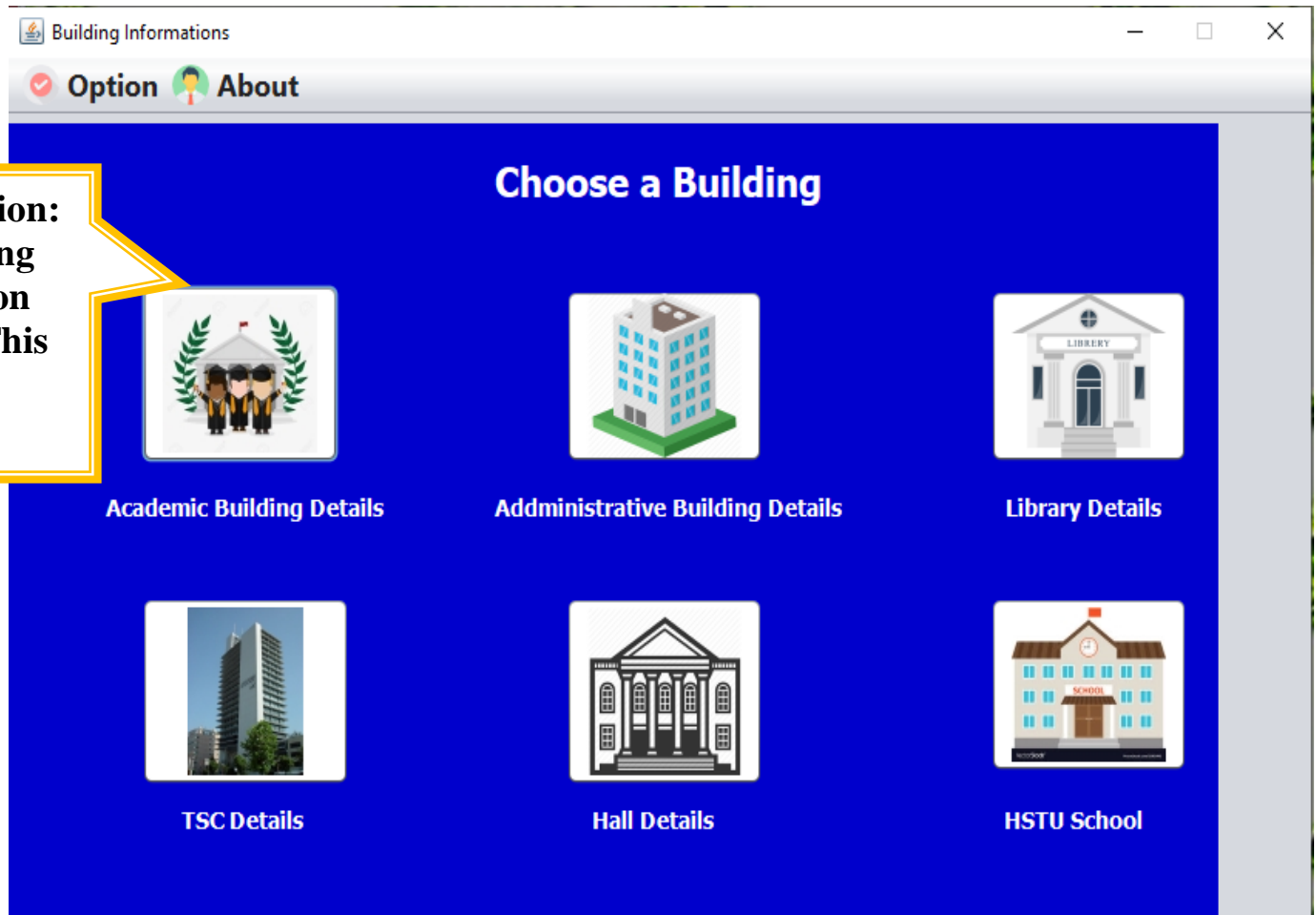
Building Information: If we click "Building information" button this is displayed. This holds all building categories.

Back

Academic Building Inforation

Academic Buildings are:

> **Dr.M.A Wazed Building**

> **Academy Building 1**

> **Academy Building 2**
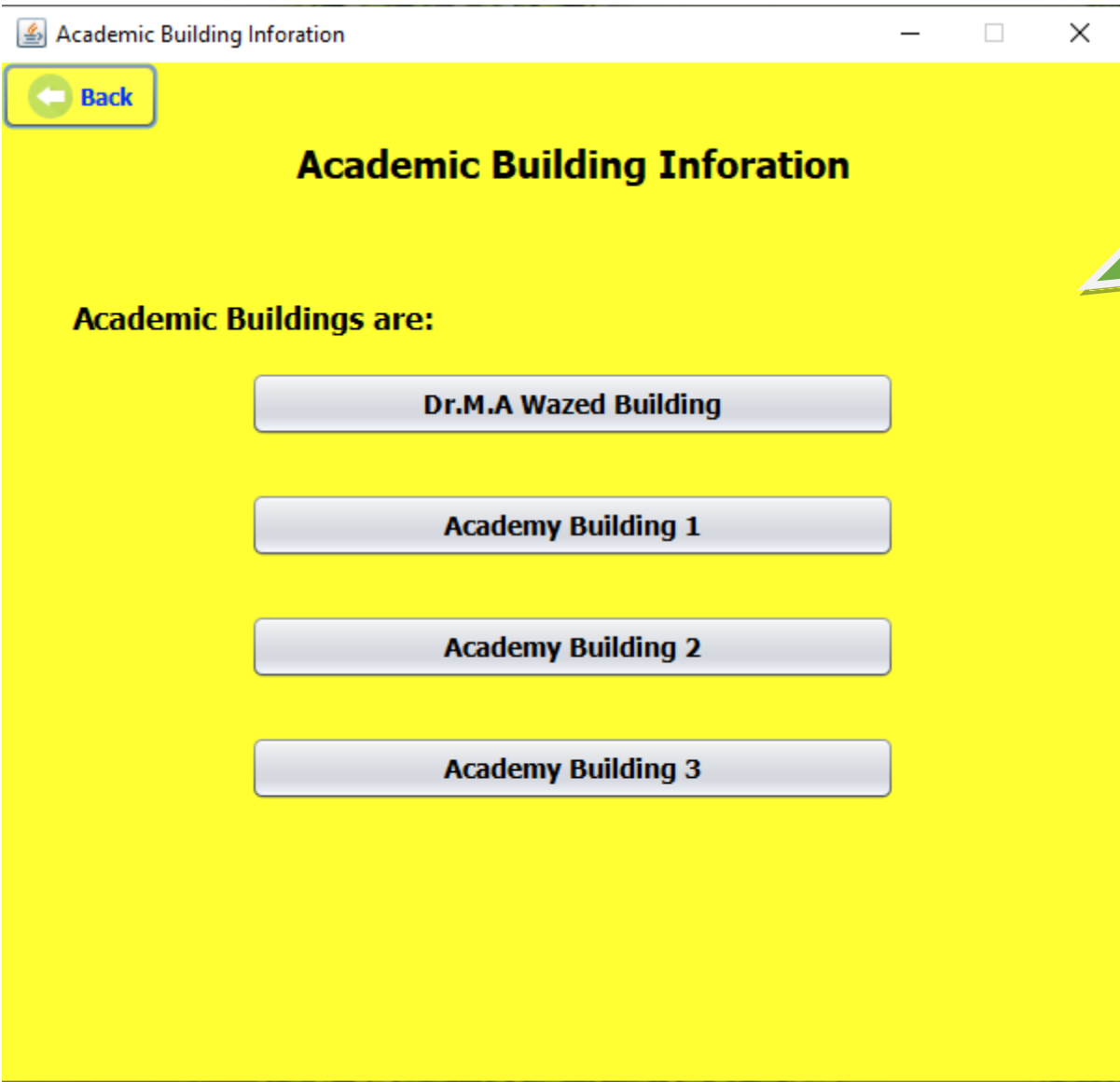
> **Academy Building 3**

Academic Building Details:
If we want to see academic building information. just we have to click on "Academic Building Information" Button.

Welcome to
Faculty of Fisheries

Dept. of Fisheries Biology & Genetics (FBG)

Dept. of Fisheries Management (FMG)

Dept. of Fisheries Technology (FTL)

Dept. of Aquaculture (AQC)

After pressing "1st Floor" option this will be displayed again.

Dept. of Fisheries:

After clicking to the "respective dept" button then this type page will come to display.

Welcome To
Dept. of Fisheries Biology & Genetics (FBG)

Dr. A.K.m rohul Amin (Chairman)

Dr. Imran Parvez (Professor)

Md. Mahbubul Hassan (Associate Professor)

Md. RashidulIslam (Assistant Professor)

Imran Hoshan (Assistant Professor)
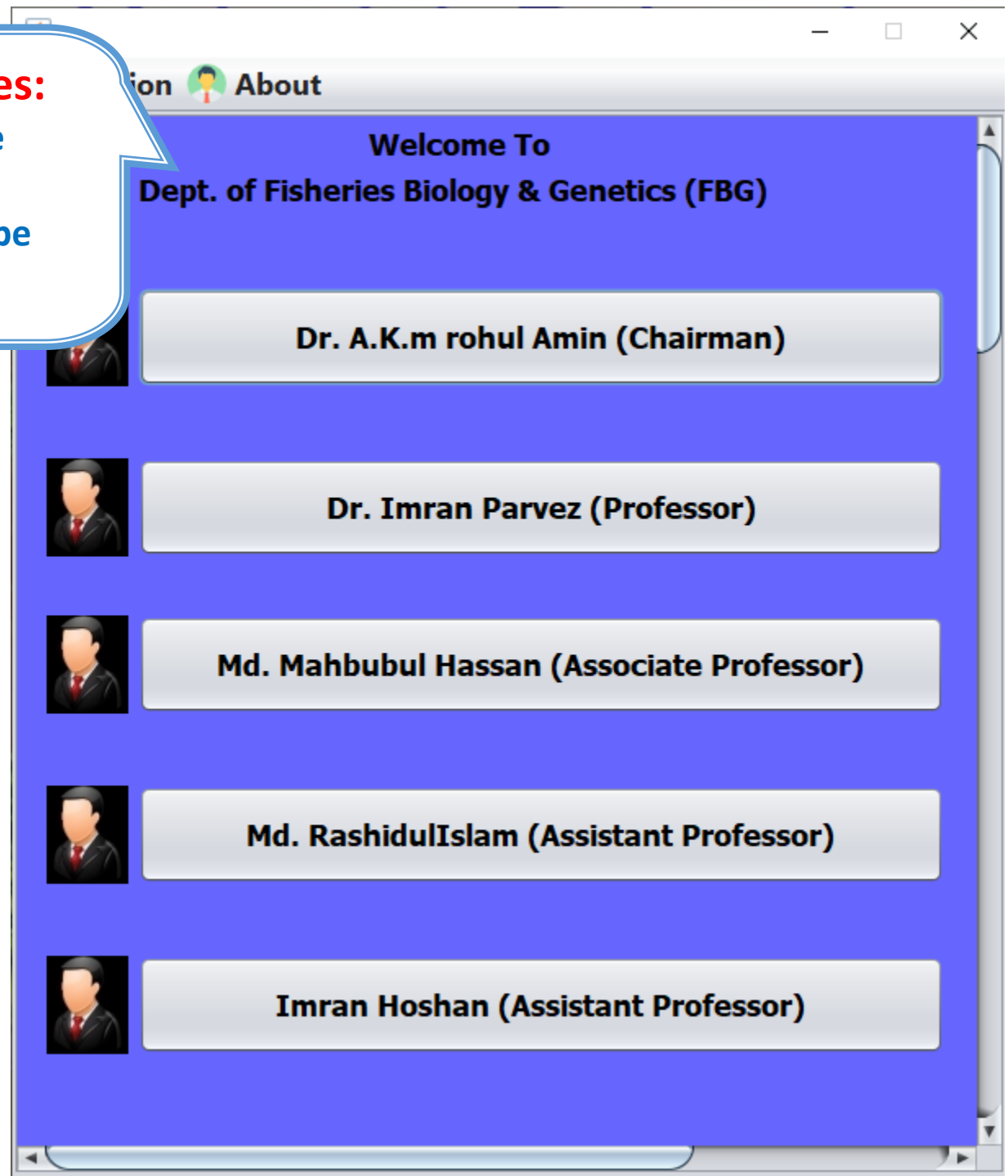
Faculty of Fisheries:
After pressing "Back" button from "Dept of page" we will back here.

Hall of Residence

Back

Hall (4):

Sheikh Russel Hall

Shaheed President Ziaur Rahman Hall

Tajuddin Ahmad Hall

Bangabandhu Sheikh Mujibur Rahman Hall

Girl's Hall (3):

Ivy Rahman Hall

Kobi Sufia Kamal Hall

Sheikh Fazilatun Nessa Mujib Hall

Sheikh Russel Hall

Option · About

Welcome To
Sheikh Russel Hall

Dr. Imran Parvez (Hall Super)

Md. Shazadur Rahman (Assistant Hall Super)

Md. Rashedul Haque (Assistant Hall Super)

Sheikh Istiak Md. Shahriar (Assistant Hall Super)

Ahmed Tariq Iqbal (Assistant Accounts Officer)

After pressing "Sheikh Russel Hall" button, we can enter into this page. This page contains a list of Hall supers.

HSTU School:
This is page contain School related details.
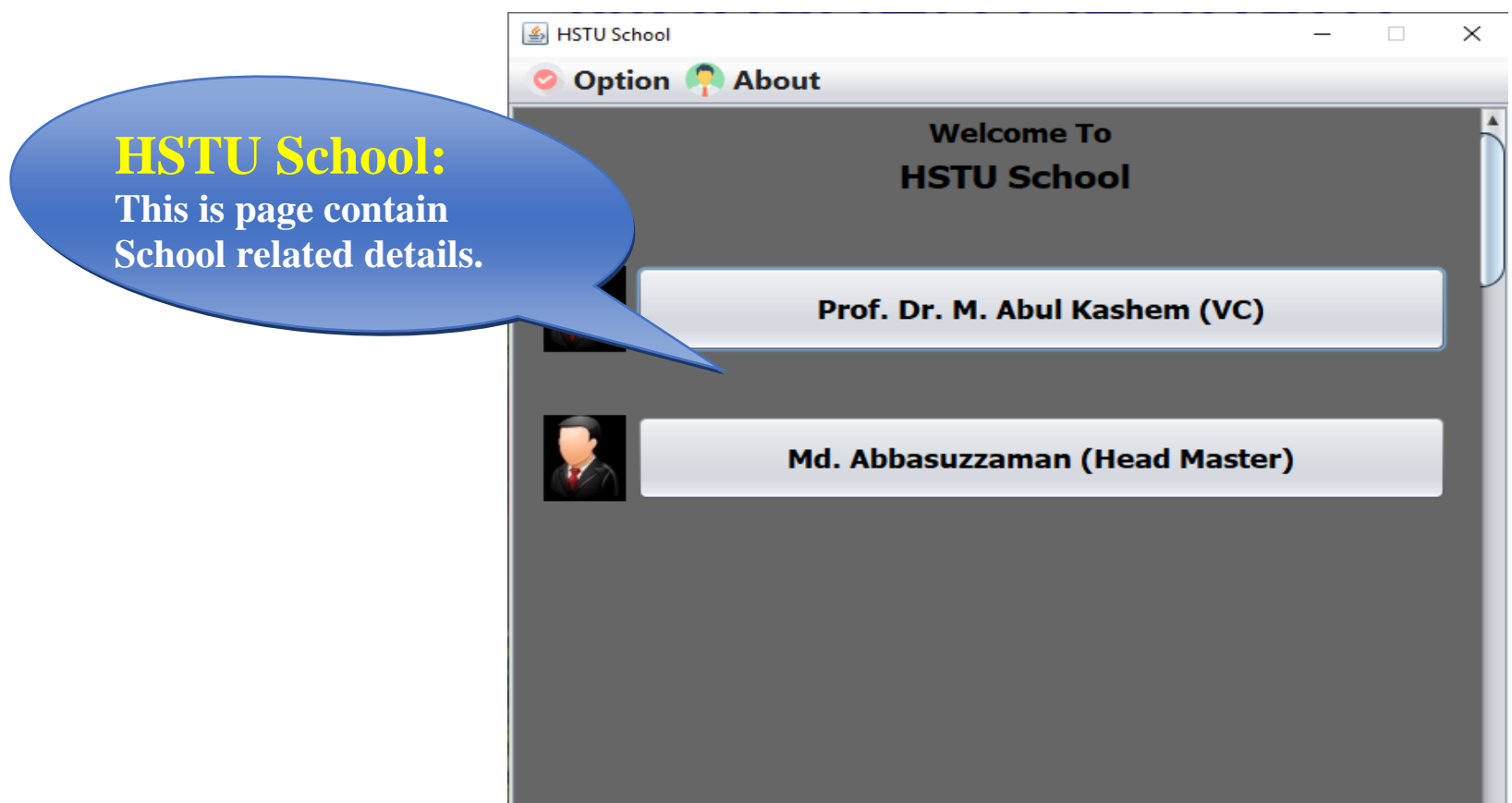
Limitations of the Project:

- All information is not covered.
- Android version (APK) is available right now.

Summary of the Project:

- It was a wonderful and learning experience for us while working on this project.
- This software is very easy to user.
- So, we hope that our software will be very popular and get sponsored to develop in future.

<u>Dedicated to our honorable Teacher:</u>

Md Fazle Rabbi

Chairman

Dept. of CSE

HSTU, Dinajpur

Thank You