



---

**Object Oriented Programming with C#**  
**19.1 Plymouth software engineering.**

**Semester 3**

---

**Lecturer: Sulari Fernando**

---

**Group Number: 23**

---

## Team Members

Student ID	Name
21009779	U.L.S.Kumara
21004128	M.W.M.Gamage
21002839	W.G.J.R.Walpola
21011002	G.P.I.Bandara
21012755	G.M.S.Lakshan

## Content.

<b>About the system.....</b>	<b>6</b>
<b>Departments of this system .....</b>	<b>6</b>
<b>Design part.....</b>	<b>7</b>
<b>Basic design.....</b>	<b>7</b>
<b>Detail design.....</b>	<b>8</b>
<b>Class diagram .....</b>	<b>9</b>
<b>Prototype design .....</b>	<b>13</b>
<b>Admin Department.....</b>	<b>13</b>
<b>Professor department.....</b>	<b>17</b>
<b>SQL Database Design .....</b>	<b>19</b>
<b>User Interface and System design. ....</b>	<b>23</b>
<b>Admin Department.....</b>	<b>28</b>
<b>Main form of admin panel .....</b>	<b>28</b>
<b>Module management.....</b>	<b>29</b>
<b>Student registration.....</b>	<b>29</b>
<b>Professor updates .....</b>	<b>30</b>
<b>Filter details.....</b>	<b>30</b>
<b>Reset password.....</b>	<b>31</b>
<b>Professor Department.....</b>	<b>31</b>
<b>Manage private modules.....</b>	<b>31</b>
<b>Professor profile.....</b>	<b>32</b>
<b>Professor password reset .....</b>	<b>32</b>
<b>Get details of Modules.....</b>	<b>32</b>
<b>Get details of students. ....</b>	<b>33</b>
<b>User feedback.....</b>	<b>34</b>
<b>Workload matrix .....</b>	<b>35</b>

Figure 1: Basic design .....	7
Figure 2:Detail design .....	8
Figure 3: Class Diagram .....	9
Figure 4: ER Diagram .....	10
Figure 5: Use case Diagram .....	11
Figure 6: state transition diagram .....	12
Figure 7: Login form prototype .....	13
Figure 8: General setting prototype .....	14
Figure 9: Module form prototype .....	14
Figure 10: Student form prototype .....	15
Figure 11: Professor form prototype .....	15
Figure 12 Analysis form prototype .....	16
Figure 13 Professor's module management prototype .....	16
Figure 14 Professor profile prototype .....	17
Figure 15 Module list view prototype .....	17
Figure 16 Professor Student filter option prototype .....	18
Figure 17: Auth Table (login data) .....	19
Figure 18: General table .....	20
Figure 19: Module table .....	20
Figure 20: Professor table .....	21
Figure 21: Professor module table .....	22
Figure 22: Student table .....	22
Figure 23: Install Material Skin 1 .....	23
Figure 24: Install Material Skin.2 .....	24
Figure 25: Install Material Skin 3 .....	24
Figure 26: Install Material Skin 4 .....	25
Figure 27: Install Material Skin 5 .....	25
Figure 28: Install Material Skin 6 .....	26
Figure 29: Install Material Skin 7 .....	26
Figure 30: Install Material Skin 8 .....	27
Figure 31: Set Material Style .....	27
Figure 32: main form .....	28
Figure 33: Module form .....	29
Figure 34:Student updates .....	29
Figure 35: Professor updates .....	30
Figure 36: Filter details .....	30
Figure 37: Reset password .....	31
Figure 38: Manage private modules. ....	31
Figure 39: Professor profile .....	32
Figure 40: Professor password reset .....	32
Figure 41: Get details of Modules .....	32
Figure 42:Get details of students .....	33
Figure 43: Workload matrix .....	35

## Case Study

### University Management System

#### Introduction.

With 250 lectures attending to 1000 enrolled students taking 20 courses of which 50 are bachelor programmes. The NSBM Green University required a robust and fit for purpose management system to address the day to day running of this thriving learning environment. A solution built on our team is used to achieve this.

NSBM Green University system includes a module to perform any task necessary for operating a University.

Proposed system includes:

- A scheduler for new intake time duration.
- Student registration management.
- Professor registration management
- The system enrolment details for every professor.
- Module detail management.
- Administration panel enrolment details management.

The project originated as a system for the creation of a database-based applications. One of the key features of the system is the way that the data and the code is stored in the database itself. The database stores all its own meta structure a description of the table structure, together with the relationships between the tables, along with all the code for the user interface.

At the heart of the system is an augmented version of SQL that ties SQL together with the C# language model.

## About the system.

NSBM University is a flagship product of Easy Solution which covers all aspects of University.

This system is covered every details of a universities workflow and integrates all processes with user friendly interface. This system include options are Control modules, Students bio data handling, Professor bio data handling and student filtering

This system is streamline path of information flow in organization by taking care of following departments:

## Departments of this system

### 1. Admin Department.

- Module updates.

In this section include the process of the course management. Admin can add new course update course and more.

- Student updates.

In this section, the admin can manage all of the student details. Here includes student registration, details update and more.

- Professor updates.

In this section, the admin can manage all of the professor details. Here includes professor registration, details update and more.

- Filter details.

In this section, the admin can get details abouts all of the professors, students and module details.

### 2. Professor Department

- Manage private modules.

In this section include the process of the course management. professor can manage and update the private modules.

- Get details of students.

In this section, the professor can get details abouts all of students and their module details.

## Design part

### Basic design

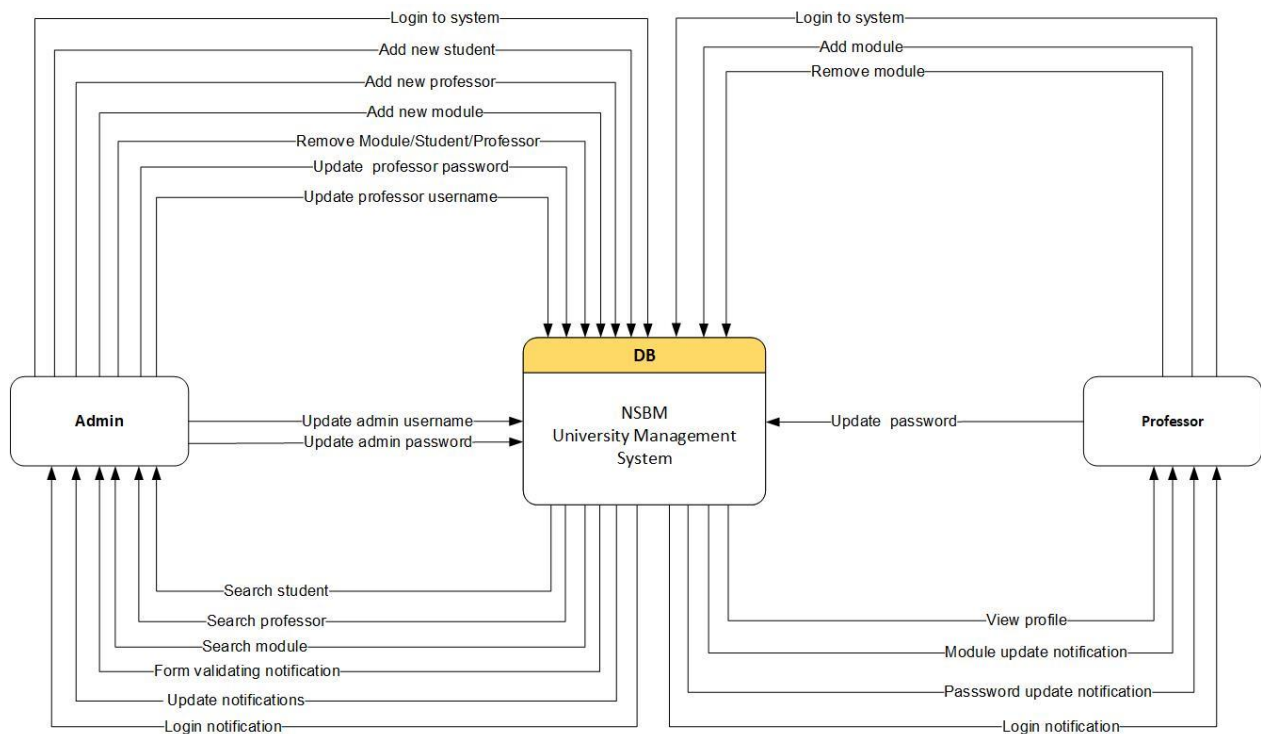


Figure 1: Basic design

## Detail design

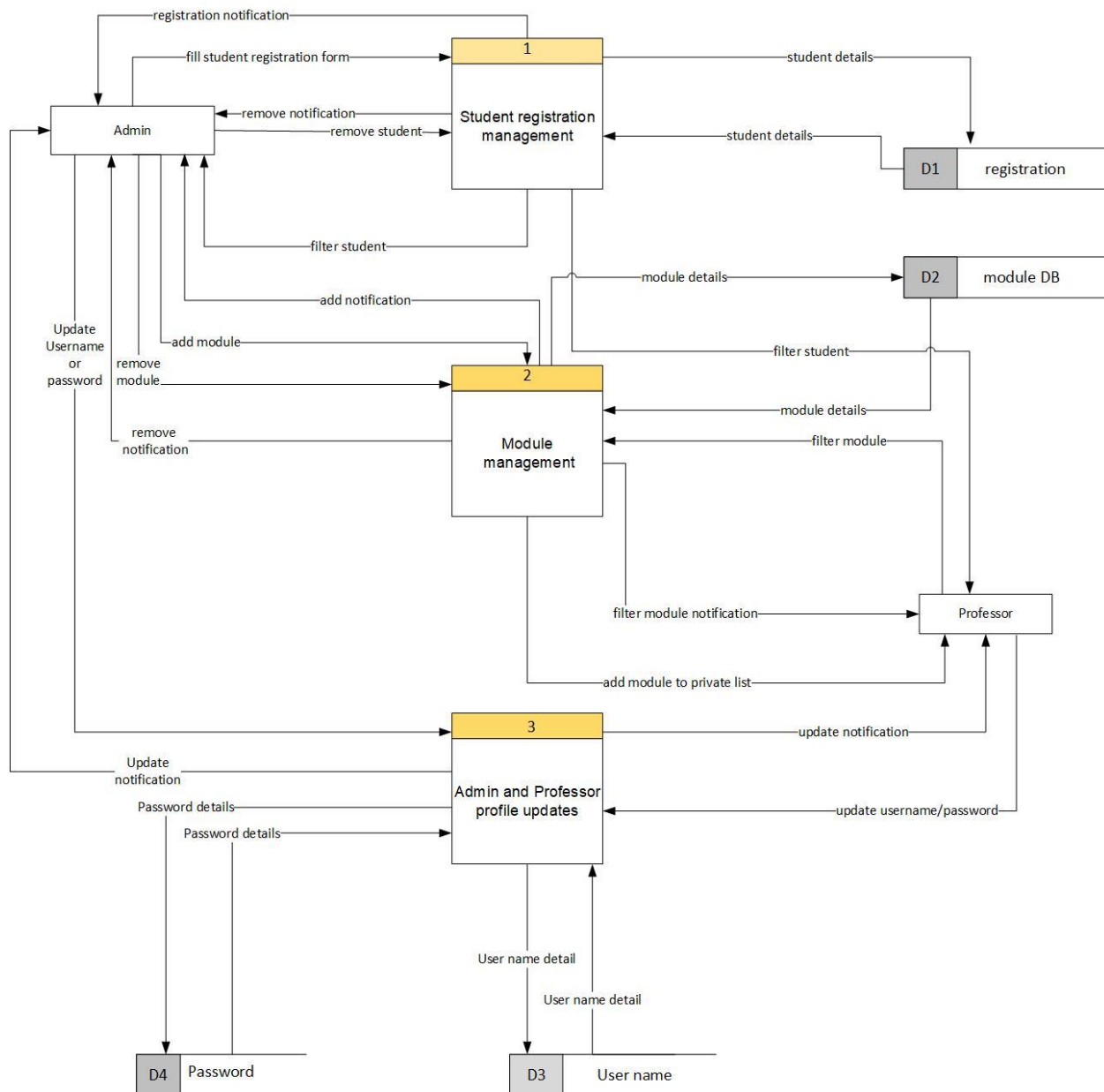
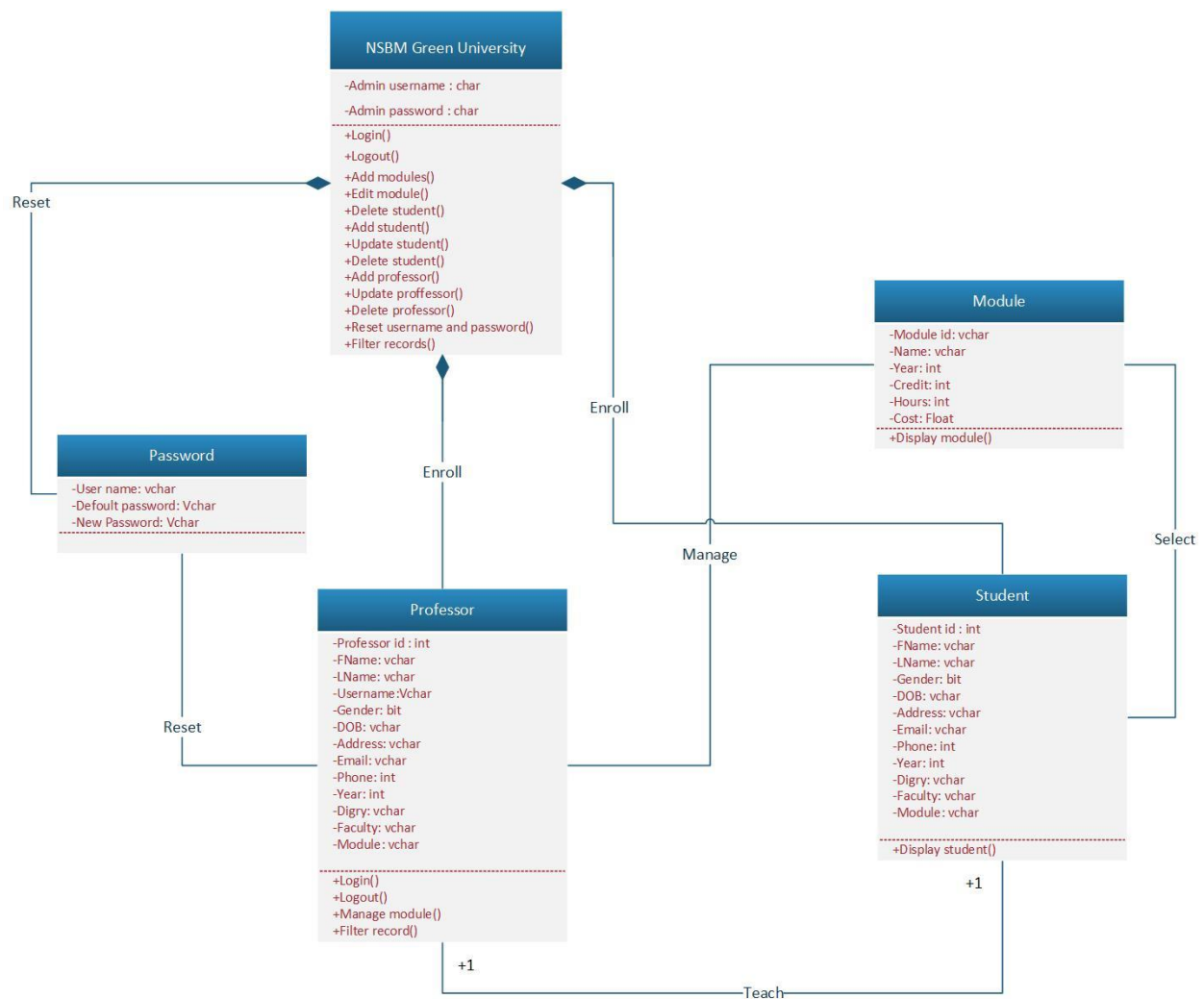


Figure 2:Detail design



## Class diagram



**Figure 3: Class Diagram**

## ER diagram

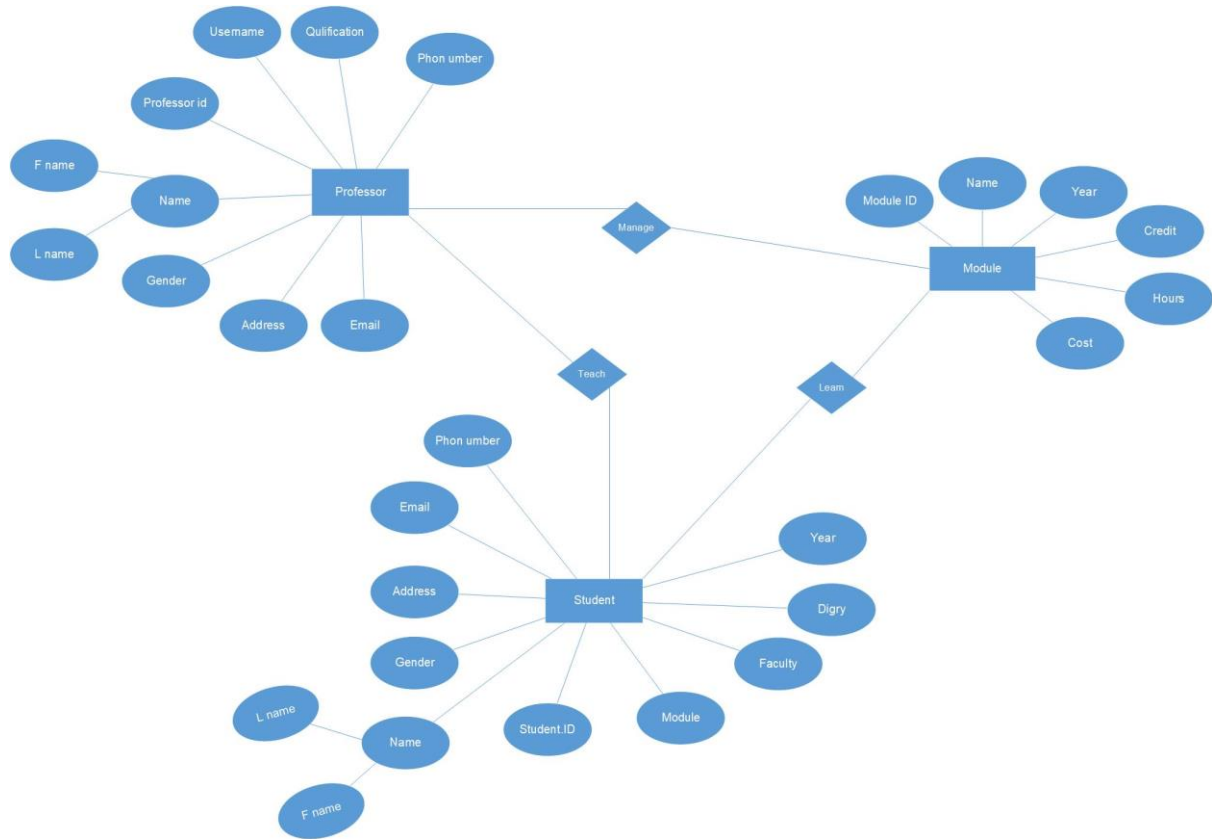
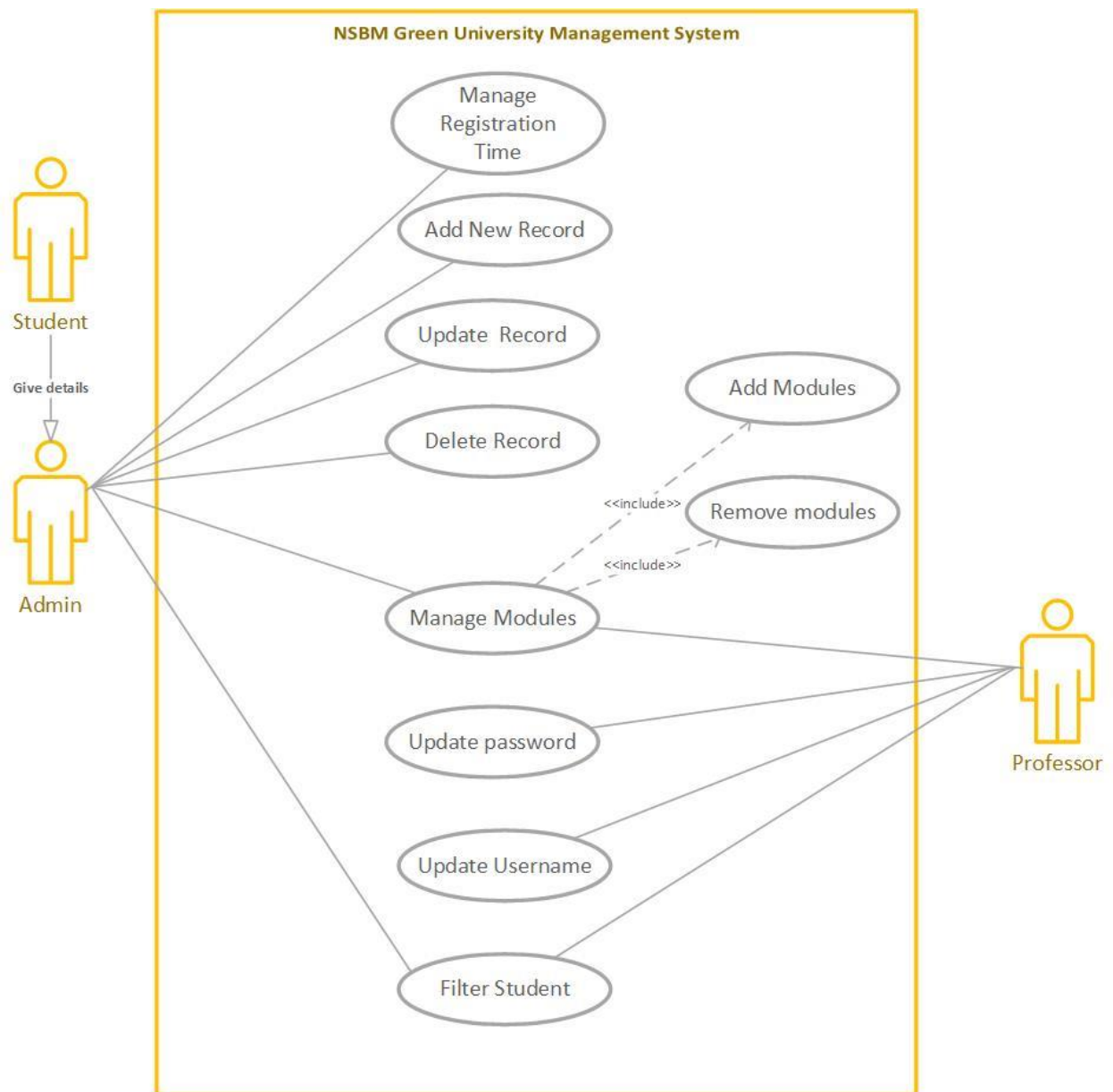


Figure 4: ER Diagram



**Figure 5: Use case Diagram**

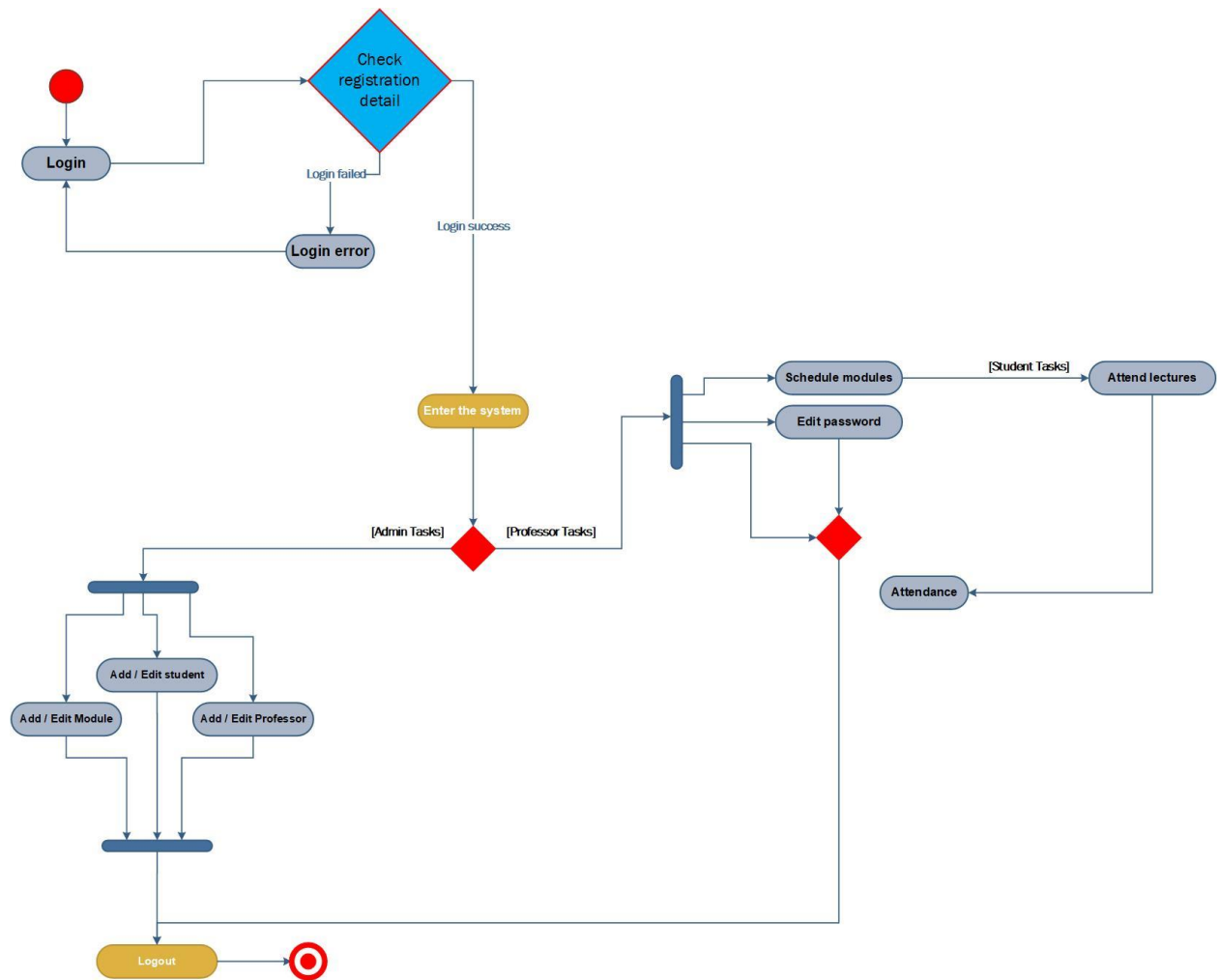


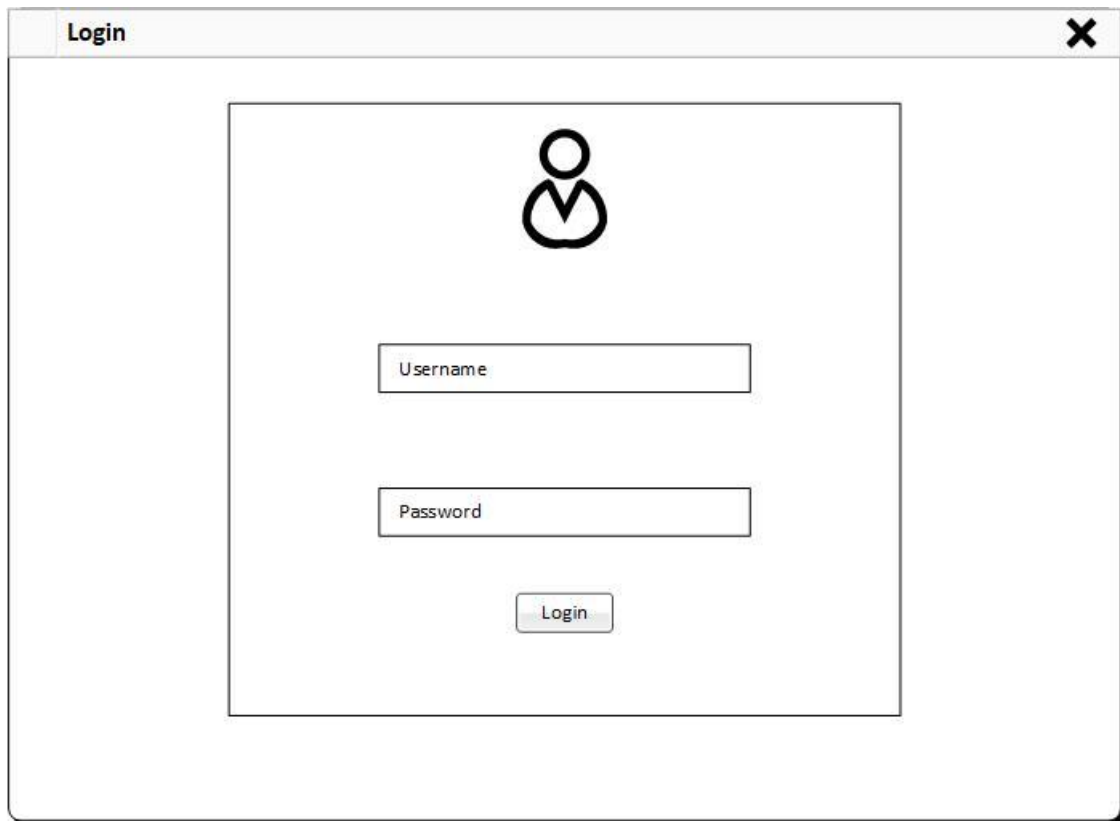
Figure 6: state transition diagram

## Prototype design

Figure 7 to 16 is described about basic structure about the user interface of this Management System.

This prototype structure design by using Microsoft Visio 2019

### Admin Department.



The image shows a prototype of a login form within a window titled "Login". The window has a standard title bar with a close button (X) in the top right corner. Inside the window, there is a large rectangular container. At the top center of this container is a black icon of a person. Below the icon, there are two text input fields. The first field is labeled "Username" and the second field is labeled "Password". Below these two fields is a button labeled "Login".

*Figure 7: Login form prototype*

Administration

GENERAL

MODULE

STUDENT MANEGEMENT

PROFESSOR MANEGEMENT

ANALYS TOOL

Registraion Begins:

Registration Ends::

CHANGE DATES

Current Password:

New Password:

Retype Password:

CHANGE PASSWORD

Username:

CHANGE USERNAME

*Figure 8: General setting prototype*

Administration


GENERAL

MODULE

STUDENT MANEGEMENT

PROFESSOR MANEGEMENT

ANALYS TOOL

Module Id:  

Module Name:

Academic Year:

Credit:

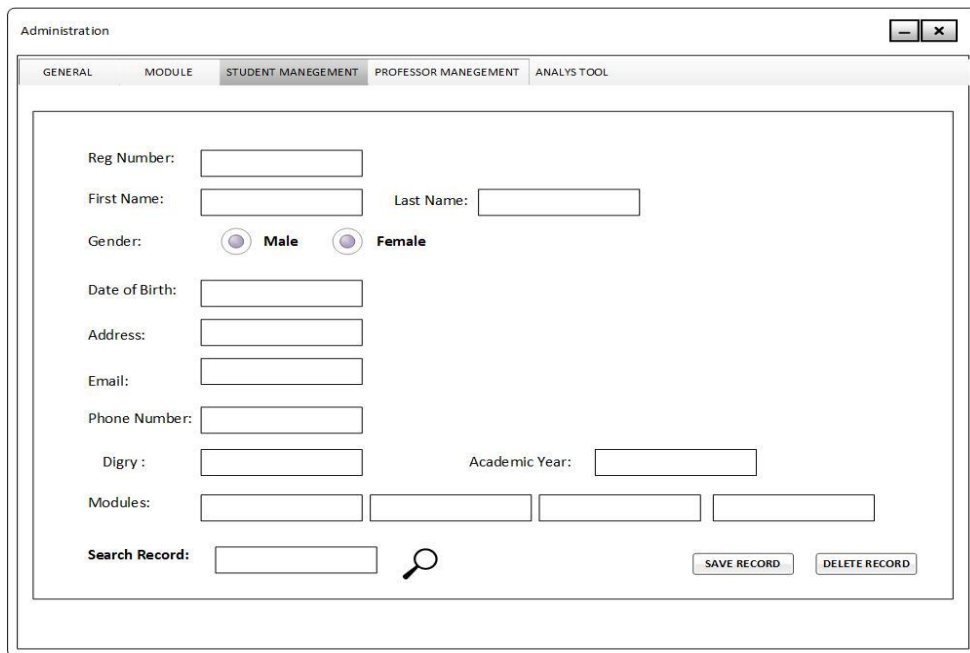
Hours:

Cost:

SAVE RECORD

DELETE RECORD

*Figure 9: Module form prototype*



Administration

GENERAL MODULE **STUDENT MANAGEMENT** PROFESSOR MANAGEMENT ANALYS TOOL

Reg Number:

First Name:  Last Name:

Gender: ☐ Male ☐ Female

Date of Birth:


Address:

Email:

Phone Number:

Digry:  Academic Year:

Modules:

Search Record:  

*Figure 10: Student form prototype*



Administration

GENERAL MODULE STUDENT MANAGEMENT **PROFESSOR MANAGEMENT** ANALYS TOOL

Reg Number:  User Name:

First Name:  Last Name:

Gender: ☐ Male ☐ Female


Date of Birth:


Address:

Email:

Phone Number:

Qualifications:

Modules:  

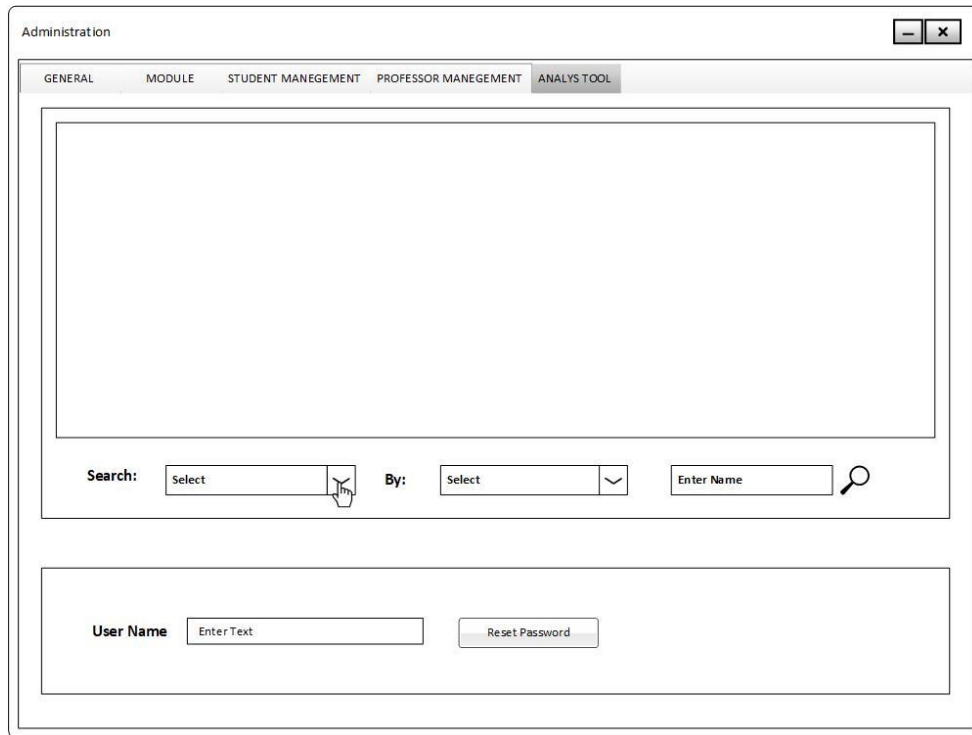
Search Record:  

Professor

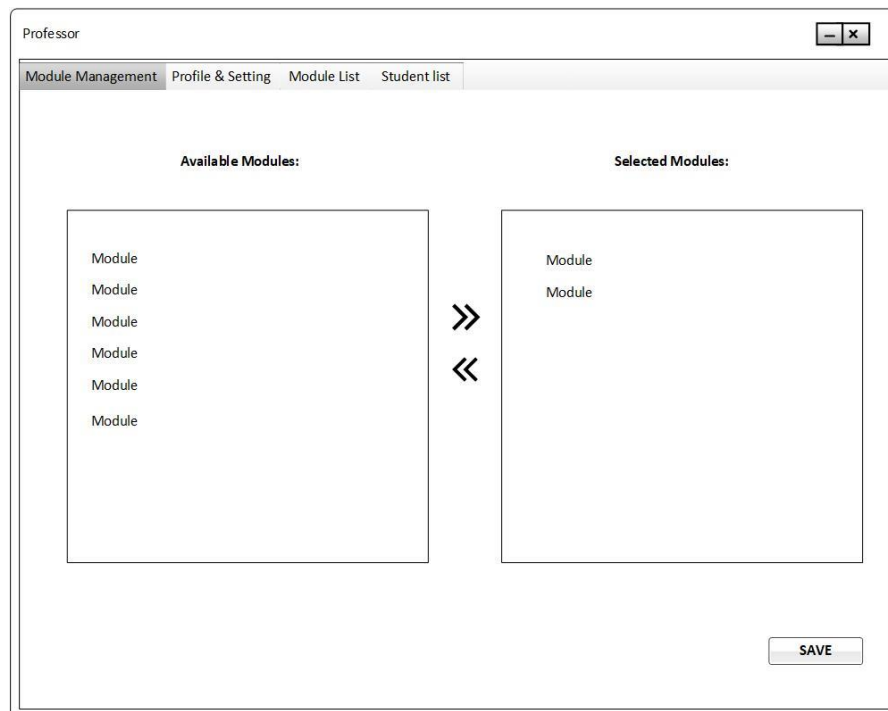
Module Management Profile & Setting Module List Student List

Available Modules:  Selected Modules:

*Figure 11: Professor form prototype*



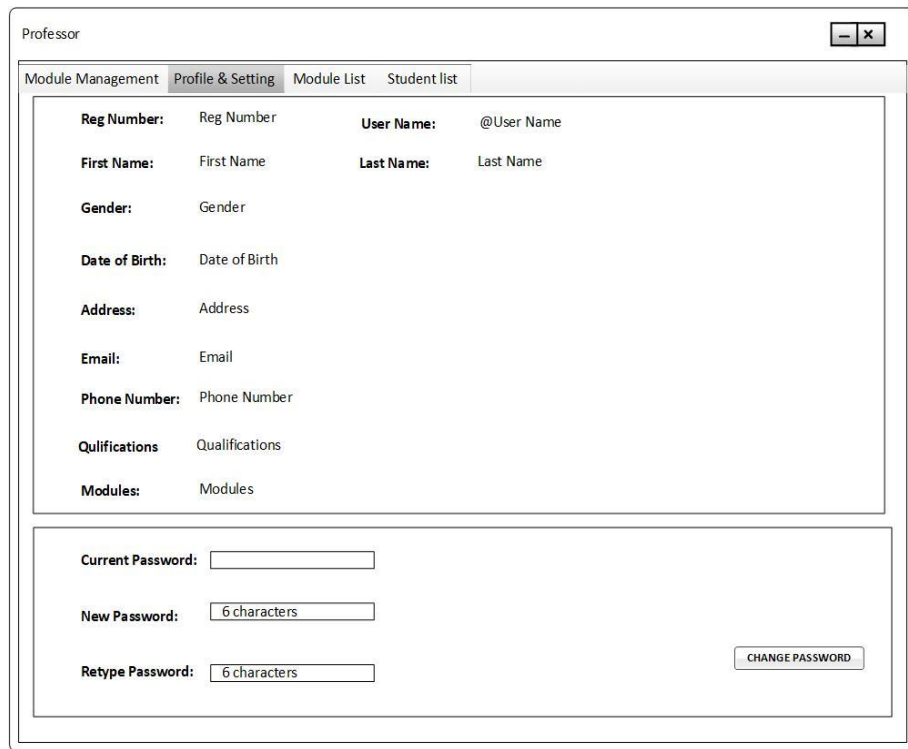
*Figure 12 Analysis form prototype*



*Figure 13 Professor's module management prototype*



## Professor department



Professor

Module Management Profile & Setting Module List Student list

Reg Number: Reg Number User Name: @User Name

First Name: First Name Last Name: Last Name

Gender: Gender

Date of Birth: Date of Birth

Address: Address

Email: Email

Phone Number: Phone Number

Qualifications: Qualifications

Modules: Modules

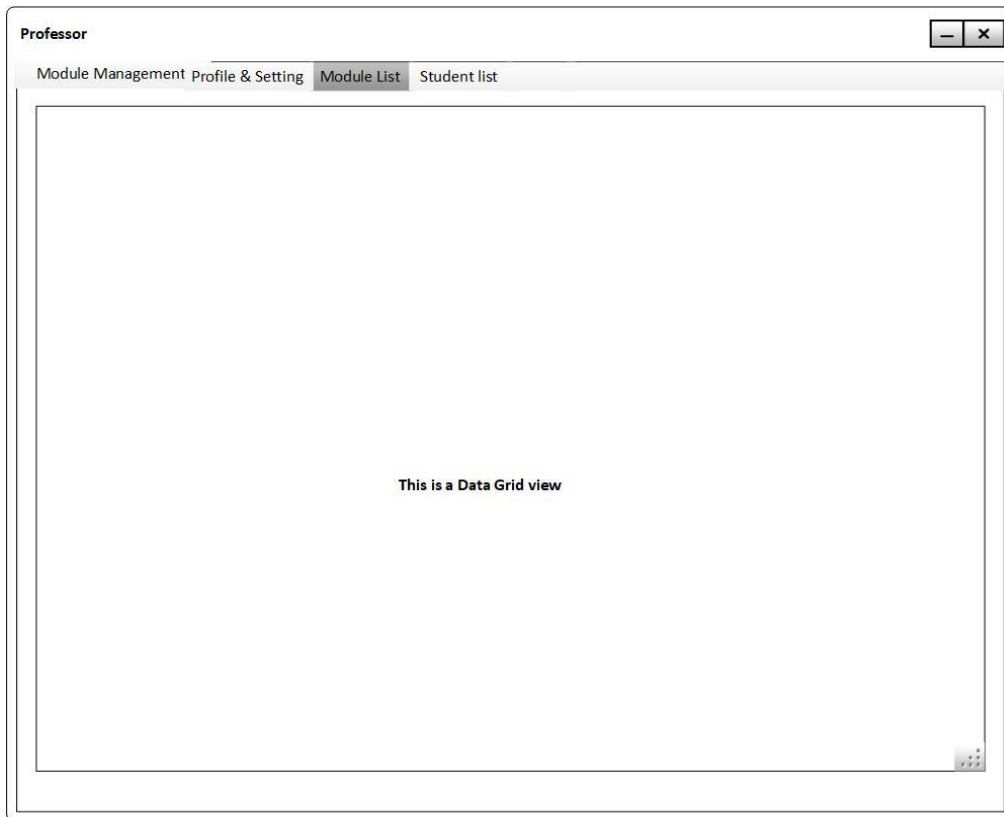
Current Password:

New Password:  6 characters

Retype Password:  6 characters

CHANGE PASSWORD

*Figure 14 Professor profile prototype*

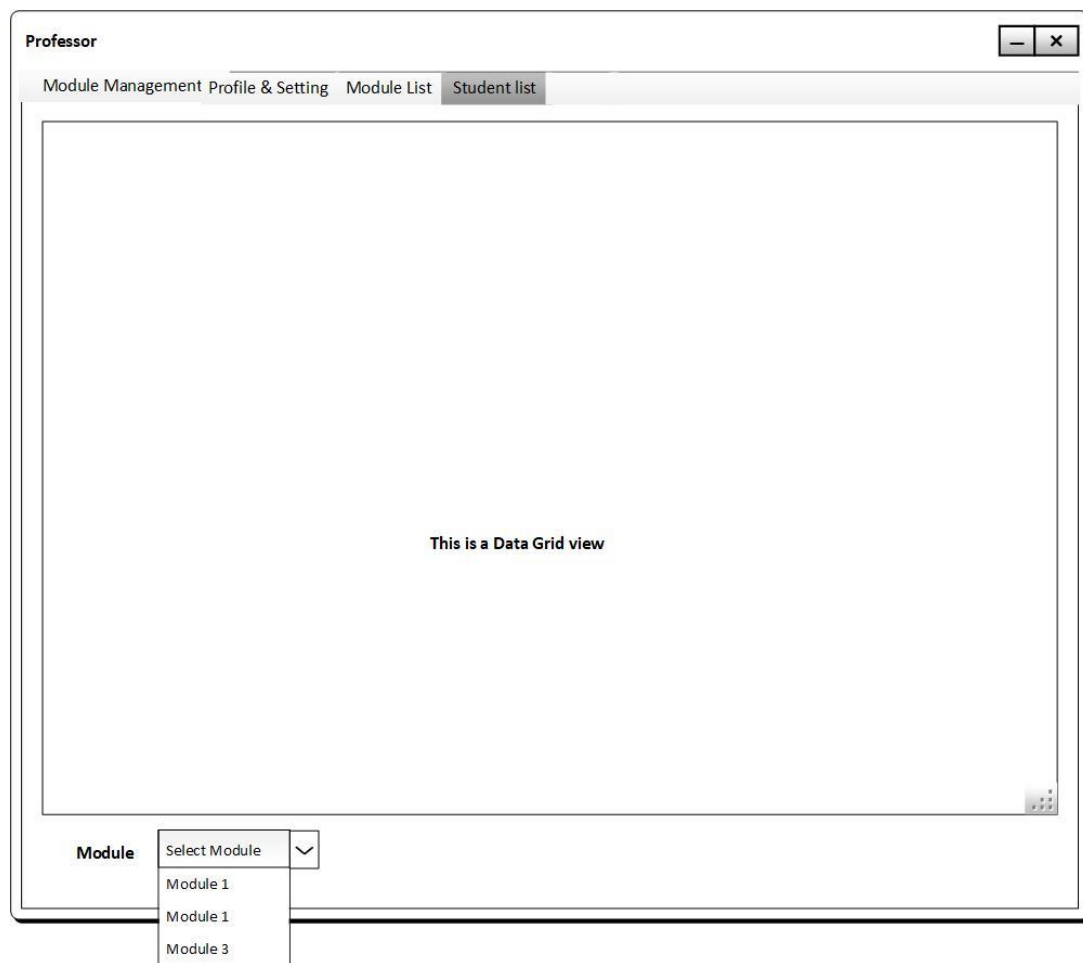


Professor

Module Management Profile & Setting Module List Student list

This is a Data Grid view

*Figure 15 Module list view prototype*



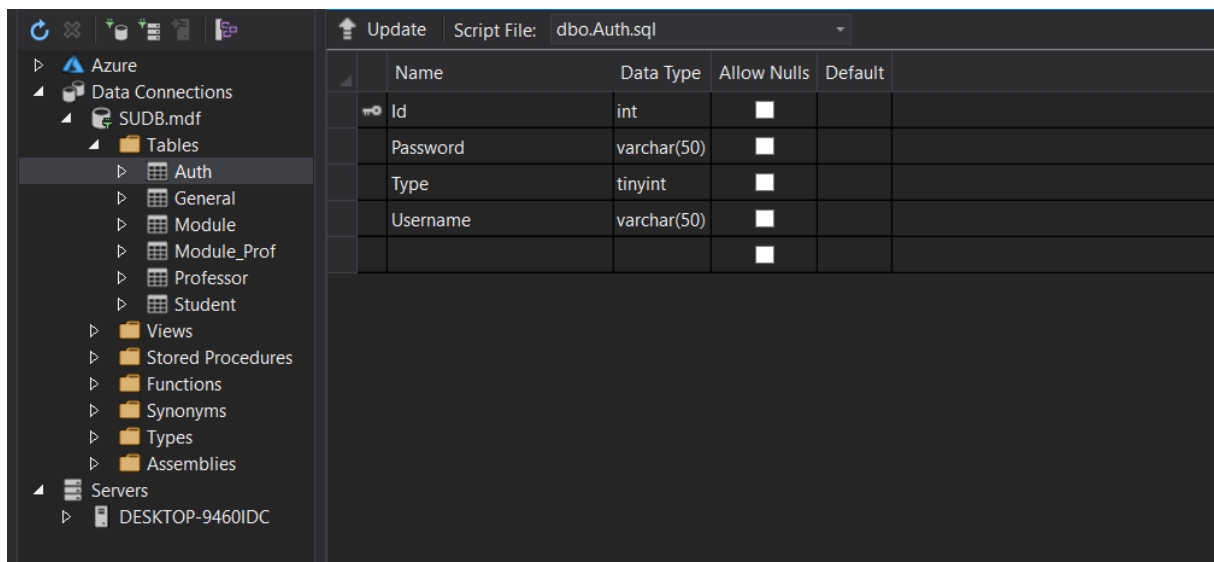
*Figure 16 Professor Student filter option prototype*

## SQL Database Design

In this system we used 6 tables.

1. Auth- Auth table is using for storing the login form detail.
2. General- General form is using for storing the Intake time duration.
3. Module- Module table is using for storing the Module details
4. Professor-Professor table storing the all professor's registration details.
5. Student - Student table storing the all Student's registration details.

### Auth table



The screenshot shows the SQL Server Enterprise Manager interface. On the left, the 'Tables' folder under 'SUDB.mdf' is expanded, showing the 'Auth' table. On the right, the 'Auth' table structure is displayed in a table format.

Name	Data Type	Allow Nulls	Default
Id	int	<input type="checkbox"/>	
Password	varchar(50)	<input type="checkbox"/>	
Type	tinyint	<input type="checkbox"/>	
Username	varchar(50)	<input type="checkbox"/>	
		<input type="checkbox"/>	

*Figure 17: Auth Table (login data)*

### Auth table SQL query.

```
CREATE TABLE [dbo].[Auth] (
    [Id] INT NOT NULL,
    [Password] VARCHAR (50) NOT NULL,
    [Type] TINYINT NOT NULL,
    [Username] VARCHAR (50) NOT NULL,
    PRIMARY KEY CLUSTERED ([Id] ASC)
);
```

## General table


	Name	Data Type	Allow Nulls	Default	
	StartDate	varchar(10)	<input type="checkbox"/>		
	EndDate	varchar(10)	<input type="checkbox"/>		
	Id	int	<input type="checkbox"/>		
			<input type="checkbox"/>		

Figure 18: General table

## General table SQL query

```
CREATE TABLE [dbo].[General] (
    [StartDate] VARCHAR (10) NOT NULL,
    [EndDate]   VARCHAR (10) NOT NULL,
    [Id]        INT          NOT NULL,
    CONSTRAINT [PK_General] PRIMARY KEY CLUSTERED ([Id] ASC)
);
```

## Module table.


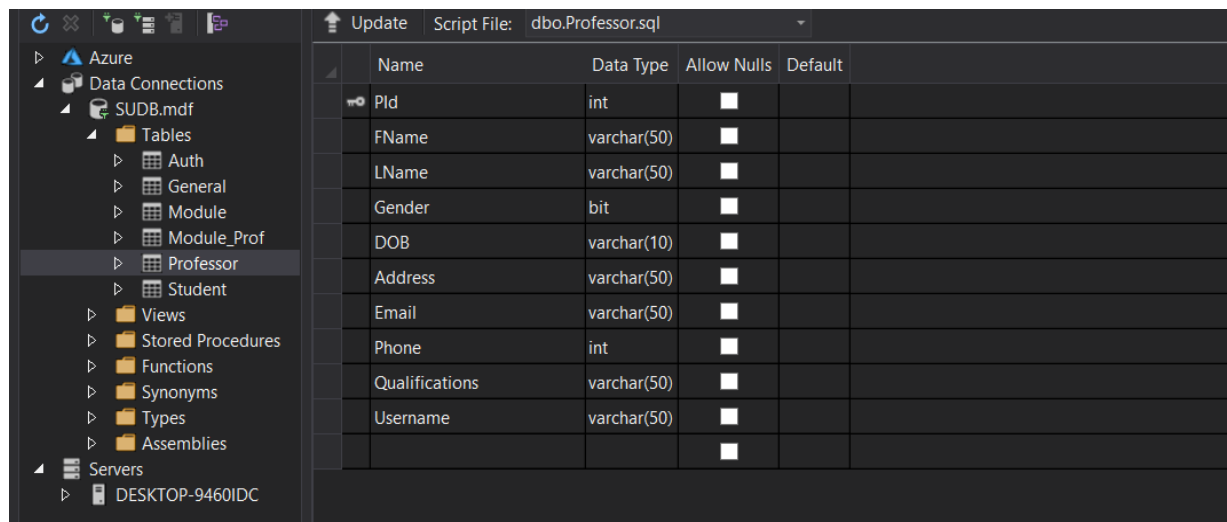
	Name	Data Type	Allow Nulls	Default	
	MId	varchar(50)	<input type="checkbox"/>		
	Name	varchar(50)	<input type="checkbox"/>		
	Year	int	<input type="checkbox"/>		
	Credits	int	<input type="checkbox"/>		
	Hours	int	<input type="checkbox"/>		
	Cost	float	<input type="checkbox"/>		
			<input type="checkbox"/>		

Figure 19: Module table.

## Module table SQL query

```
CREATE TABLE [dbo].[Module] (
    [Mid]      VARCHAR (50) NOT NULL,
    [Name]     VARCHAR (50) NOT NULL,
    [Year]     INT          NOT NULL,
    [Credits]  INT          NOT NULL,
    [Hours]    INT          NOT NULL,
    [Cost]     FLOAT (53)   NOT NULL,
    PRIMARY KEY CLUSTERED ([Mid] ASC)
);
```

## Professor table



The screenshot shows the SQL Server Enterprise Manager interface. On the left, the 'Data Connections' pane shows a server named 'DESKTOP-9460IDC' with a database 'SUDB.mdf'. The 'Tables' folder is expanded, showing a list of tables including 'Auth', 'General', 'Module', 'Module\_Prof', 'Professor', and 'Student'. The 'Professor' table is selected. On the right, the 'Table Designer' pane shows the structure of the 'Professor' table. The table has the following columns: PId (int, primary key, not null), FName (varchar(50), not null), LName (varchar(50), not null), Gender (bit, not null), DOB (varchar(10), not null), Address (varchar(50), not null), Email (varchar(50), not null), Phone (int, not null), Qualifications (varchar(50), not null), and Username (varchar(50), not null). The 'Script File' pane shows the SQL query for creating the table.

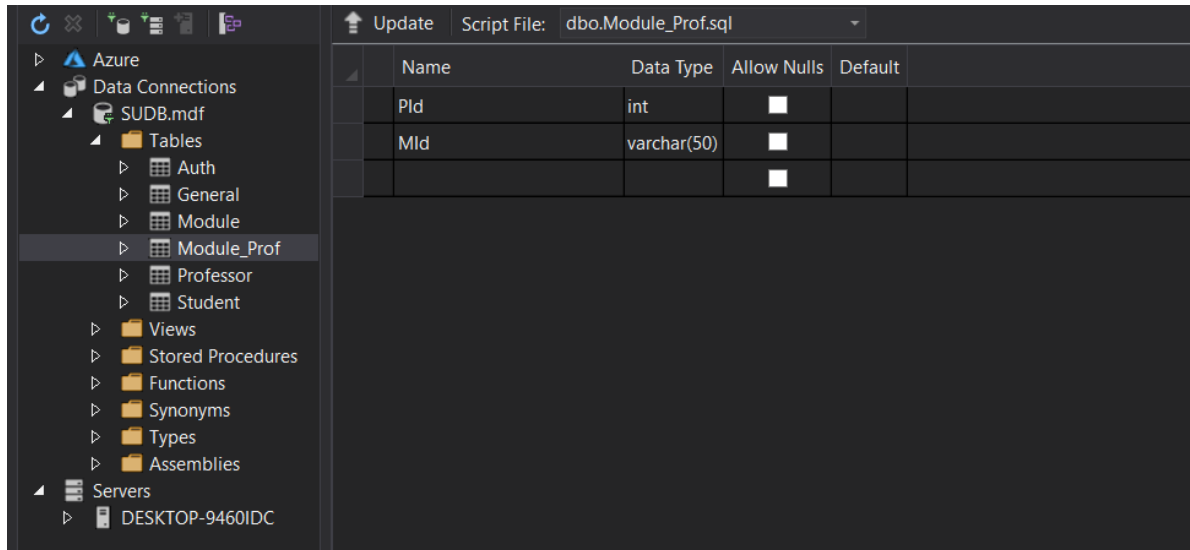
Name	Data Type	Allow Nulls	Default
PId	int	<input type="checkbox"/>	
FName	varchar(50)	<input type="checkbox"/>	
LName	varchar(50)	<input type="checkbox"/>	
Gender	bit	<input type="checkbox"/>	
DOB	varchar(10)	<input type="checkbox"/>	
Address	varchar(50)	<input type="checkbox"/>	
Email	varchar(50)	<input type="checkbox"/>	
Phone	int	<input type="checkbox"/>	
Qualifications	varchar(50)	<input type="checkbox"/>	
Username	varchar(50)	<input type="checkbox"/>	

Figure 20: Professor table

## Professor table SQL query

```
CREATE TABLE [dbo].[Professor] (
    [PId]      INT          NOT NULL,
    [FName]    VARCHAR (50) NOT NULL,
    [LName]    VARCHAR (50) NOT NULL,
    [Gender]    BIT          NOT NULL,
    [DOB]      VARCHAR (10) NOT NULL,
    [Address]  VARCHAR (50) NOT NULL,
    [Email]    VARCHAR (50) NOT NULL,
    [Phone]    INT          NOT NULL,
    [Qualifications] VARCHAR (50) NOT NULL,
    [Username] VARCHAR (50) NOT NULL,
    PRIMARY KEY CLUSTERED ([PId] ASC)
);
```

## Professor module table



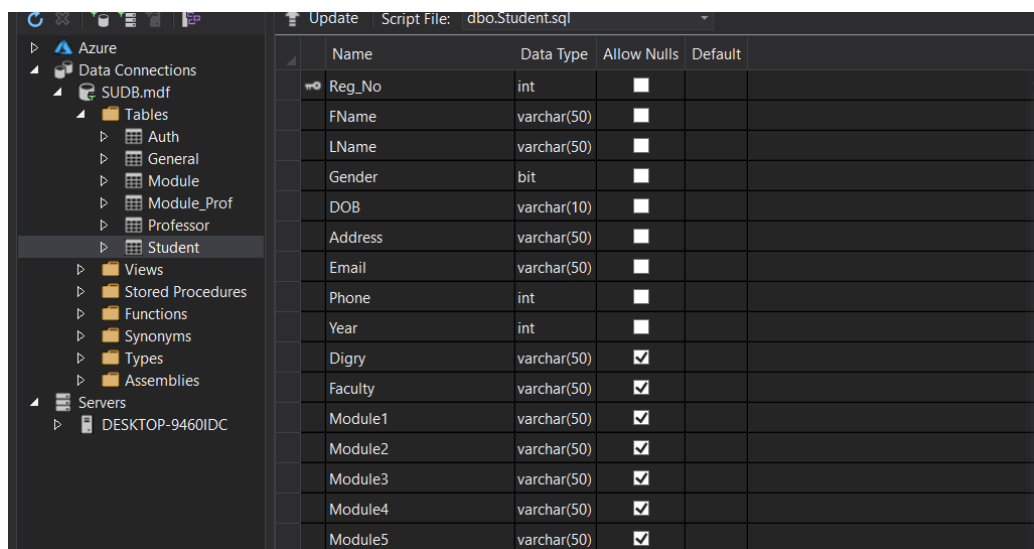
Name	Data Type	Allow Nulls	Default
PId	int	<input type="checkbox"/>	
MId	varchar(50)	<input type="checkbox"/>	
		<input type="checkbox"/>	

*Figure 21: Professor module table*

## Professor module table SQL query

```
CREATE TABLE [dbo].[Module_Prof] (
    [PId] INT NOT NULL,
    [MId] VARCHAR (50) NOT NULL
);
```

## Student table



Name	Data Type	Allow Nulls	Default
Reg_No	int	<input type="checkbox"/>	
FName	varchar(50)	<input type="checkbox"/>	
LName	varchar(50)	<input type="checkbox"/>	
Gender	bit	<input type="checkbox"/>	
DOB	varchar(10)	<input type="checkbox"/>	
Address	varchar(50)	<input type="checkbox"/>	
Email	varchar(50)	<input type="checkbox"/>	
Phone	int	<input type="checkbox"/>	
Year	int	<input type="checkbox"/>	
Digry	varchar(50)	<input checked="" type="checkbox"/>	
Faculty	varchar(50)	<input checked="" type="checkbox"/>	
Module1	varchar(50)	<input checked="" type="checkbox"/>	
Module2	varchar(50)	<input checked="" type="checkbox"/>	
Module3	varchar(50)	<input checked="" type="checkbox"/>	
Module4	varchar(50)	<input checked="" type="checkbox"/>	
Module5	varchar(50)	<input checked="" type="checkbox"/>	

*Figure 22: Student table*

## Student table SQL query

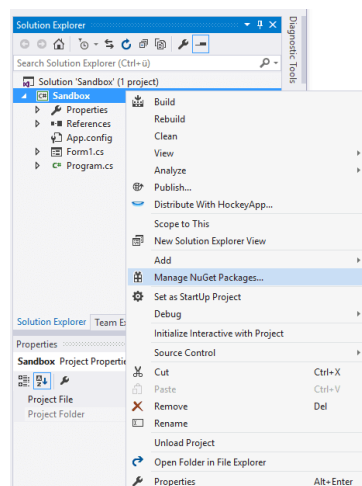
```
CREATE TABLE [dbo].[Student] (
    [Reg_No] INT NOT NULL,
    [FName] VARCHAR (50) NOT NULL,
    [LName] VARCHAR (50) NOT NULL,
    [Gender] BIT NOT NULL,
    [DOB] VARCHAR (10) NOT NULL,
    [Address] VARCHAR (50) NOT NULL,
    [Email] VARCHAR (50) NOT NULL,
    [Phone] INT NOT NULL,
    [Year] INT NOT NULL,
    [Digry] VARCHAR (50) NULL,
    [Faculty] VARCHAR (50) NULL,
    [Module1] VARCHAR (50) NULL,
    [Module2] VARCHAR (50) NULL,
    [Module3] VARCHAR (50) NULL,
    [Module4] VARCHAR (50) NULL,
    [Module5] VARCHAR (50) NULL,
    PRIMARY KEY CLUSTERED ([Reg_No] ASC)
);
```

## User Interface and System design.

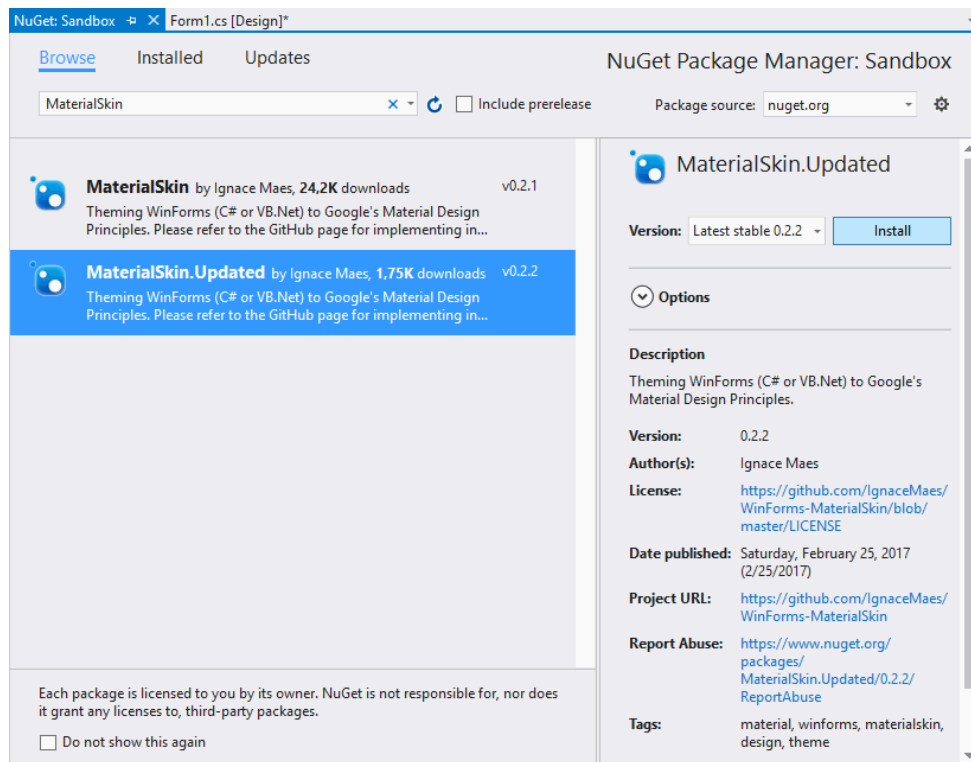
We select a material user interface design controls with c# in our system. To use material design in our WinForms applications, we used the Material Skin library for adding a theming to .NET WinForms, C# or VB.Net with Google's Material Design Principles.

### Install Material Skin.

The preferred way of installation is via nuget. install the package with visual studio, by accessing the nuget package manager. do right click in your project in the solution explorer at the right top of visual studio and select manage nuget packages in the dropdown menu.



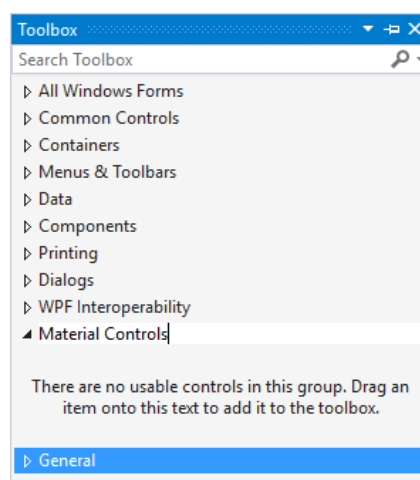
**Figure 23: Install Material Skin 1.**



**Figure 24: Install Material Skin.2**

## Add Material Controls to the Controls Toolbox

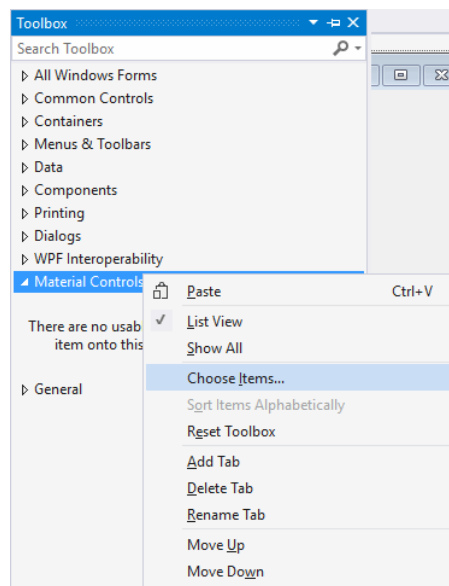
With Material Skin you will be able to drag and drop controls into your forms in the same way you do with the traditional controls. To be organized, we recommend you create a custom Toolbox Tab to store inside the exclusive controls of this library. Do right click on an empty space of the Toolbox and from the Dropdown menu select Add Tab, this will allow you to create an empty Tab and to give a custom name, in this case we'll name it Material Controls:



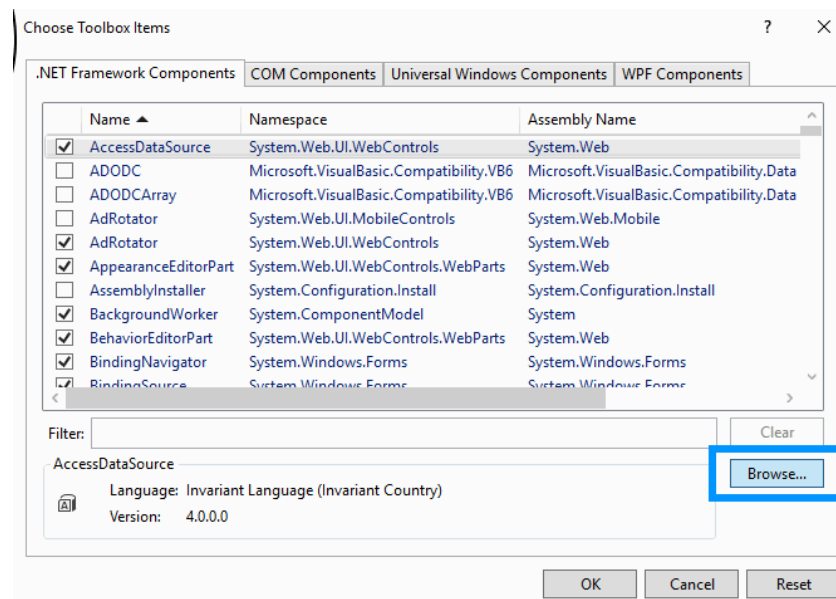
**Figure 25: Install Material Skin 3**



Then do right click on the custom tab that you've created (Metro Controls) and select Choose Items from the menu:

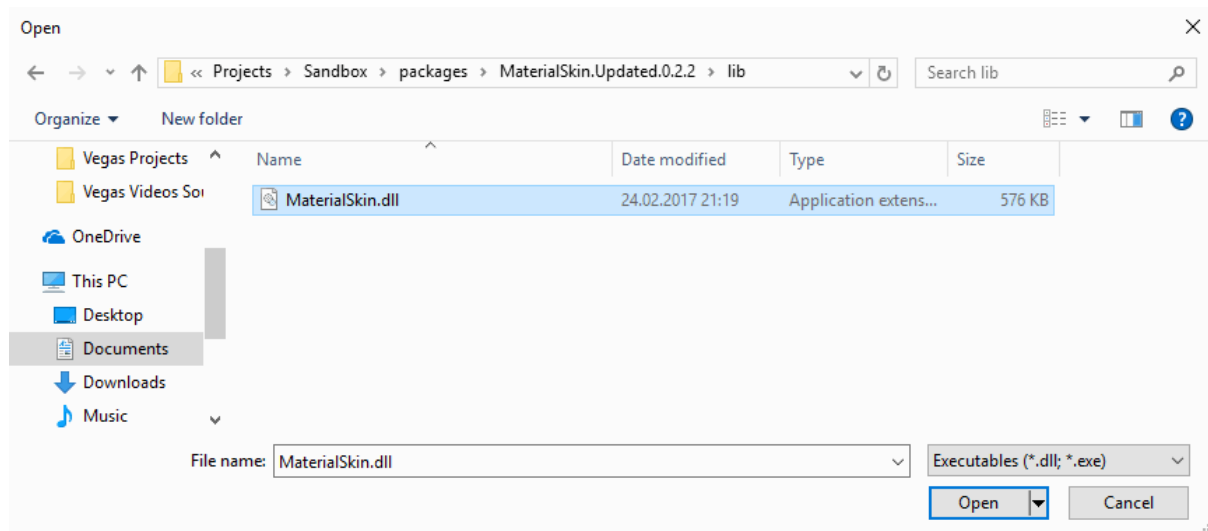


**Figure 26: Install Material Skin 4**

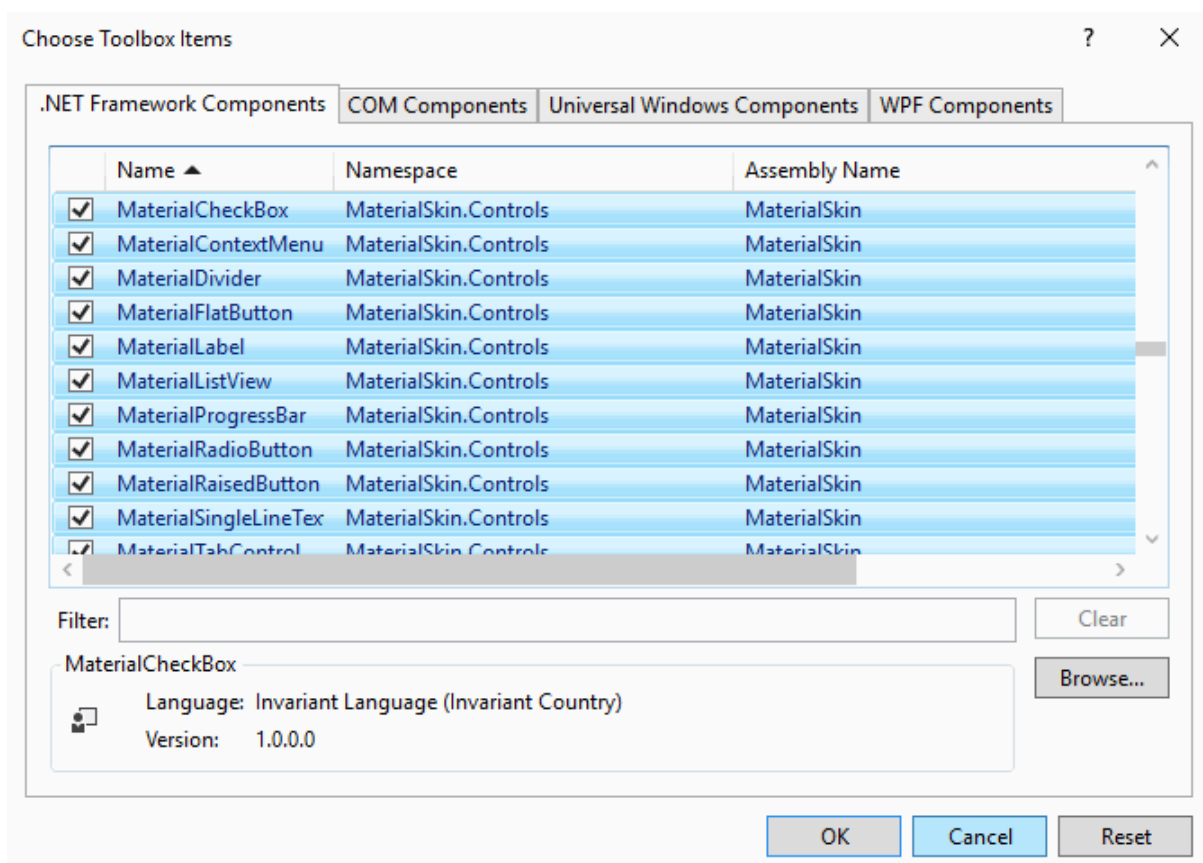


**Figure 27: Install Material Skin 5**

Once the file browser appears, you will need to navigate to the folder of your WinForms project, then inside the packages folder search for the Material Skin folder, then on lib. Inside the lib folder there should be a dll file, select it and click on open:

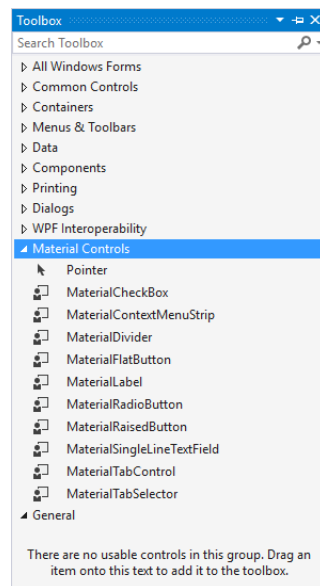


**Figure 28: Install Material Skin 6**



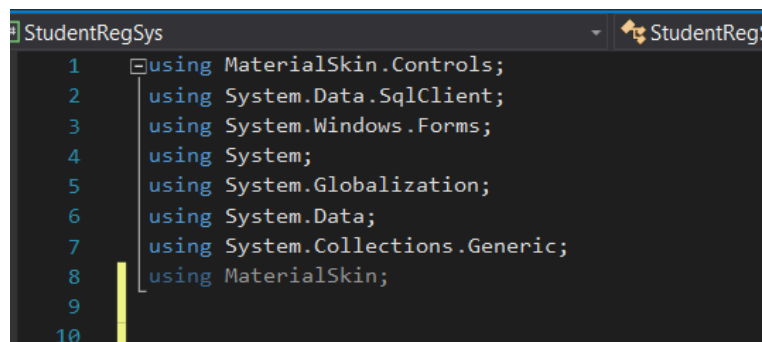
**Figure 29: Install Material Skin 7**

By default, all components will be selected, however you can unselect the one you don't want. Finally, the controls will appear in the previously created tab of Controls:



**Figure 30: Install Material Skin 8**

## Set Material Style.



**Figure 31: Set Material Style.**

## Database connection

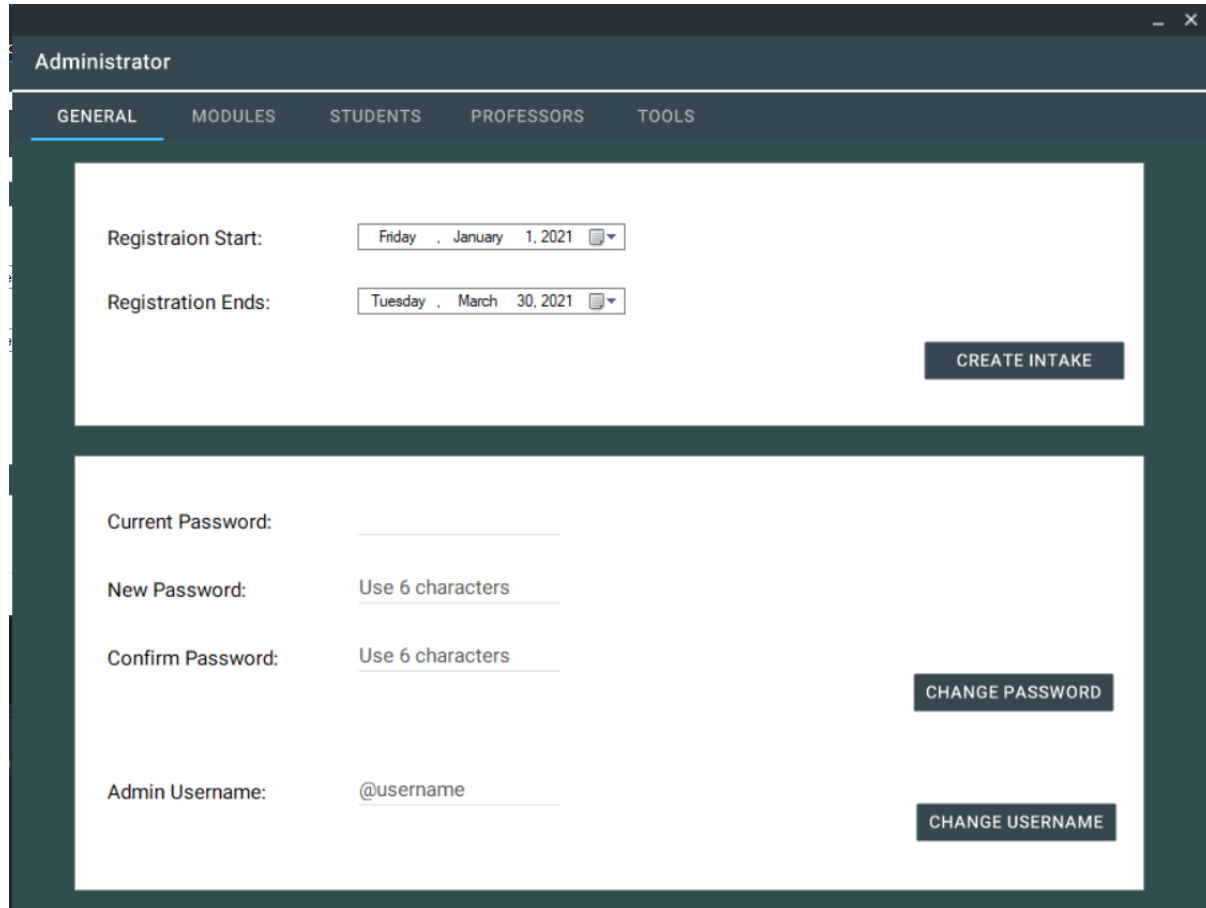
```

public partial class Main : MaterialForm
{
    private int Id;
    private SqlConnection con = new SqlConnection("Data
Source=(LocalDB)\\MSSQLLocalDB;AttachDbFilename=" +
System.IO.Path.GetDirectoryPath(Application.ExecutablePath) + "\\SUDB.mdf; Integrated
Security = True; Connect Timeout = 30");
    private SqlCommand cmd;
    private List<string> modulelist = new L

```

## Admin Department

### Main form of admin panel

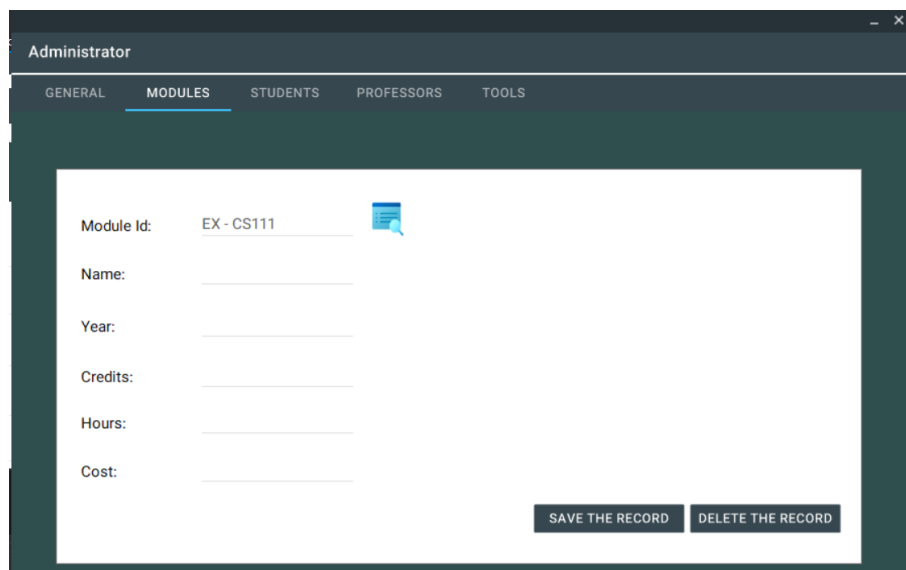


The screenshot shows the 'Administrator' interface with a dark blue header and a light blue sidebar. The main content area has a white background and is divided into two sections. The top section is for setting registration dates, with fields for 'Registration Start' (Friday, January 1, 2021) and 'Registration Ends' (Tuesday, March 30, 2021), and a 'CREATE INTAKE' button. The bottom section is for changing admin details, with fields for 'Current Password', 'New Password' (Use 6 characters), 'Confirm Password' (Use 6 characters), and 'Admin Username' (@username), and buttons for 'CHANGE PASSWORD' and 'CHANGE USERNAME'.

*Figure 32: main form*

This section using for set the time durations of student registration. And admin's can change their login details.

## Module management -admin

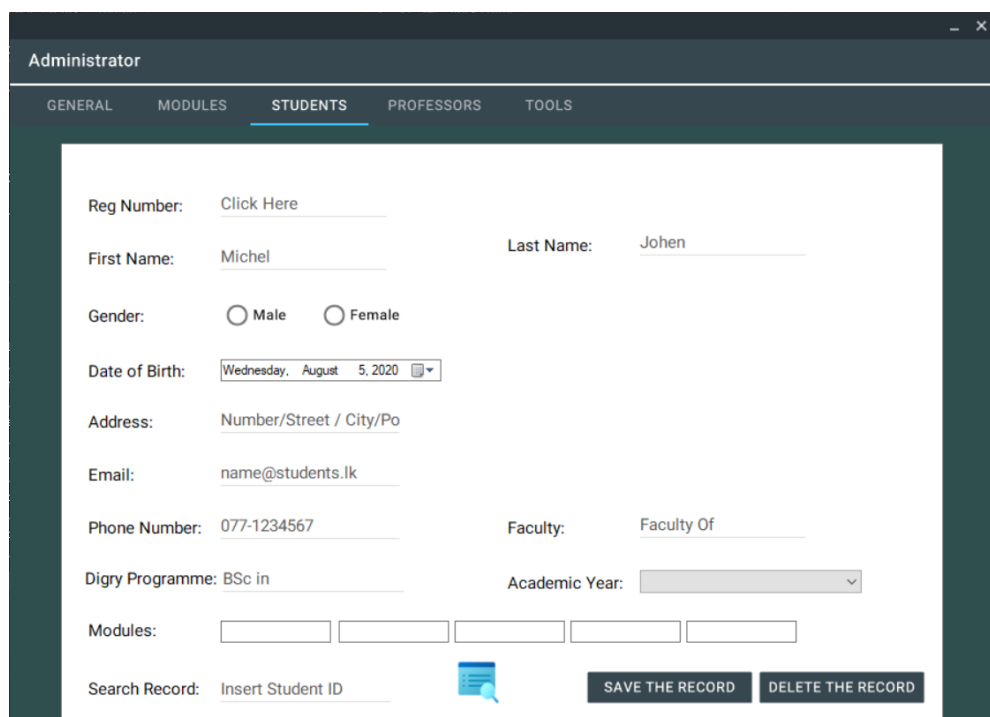


*Figure 33: Module form*

## Module updates.

In this section include the process of the course management. Admin can add new course update course and more.

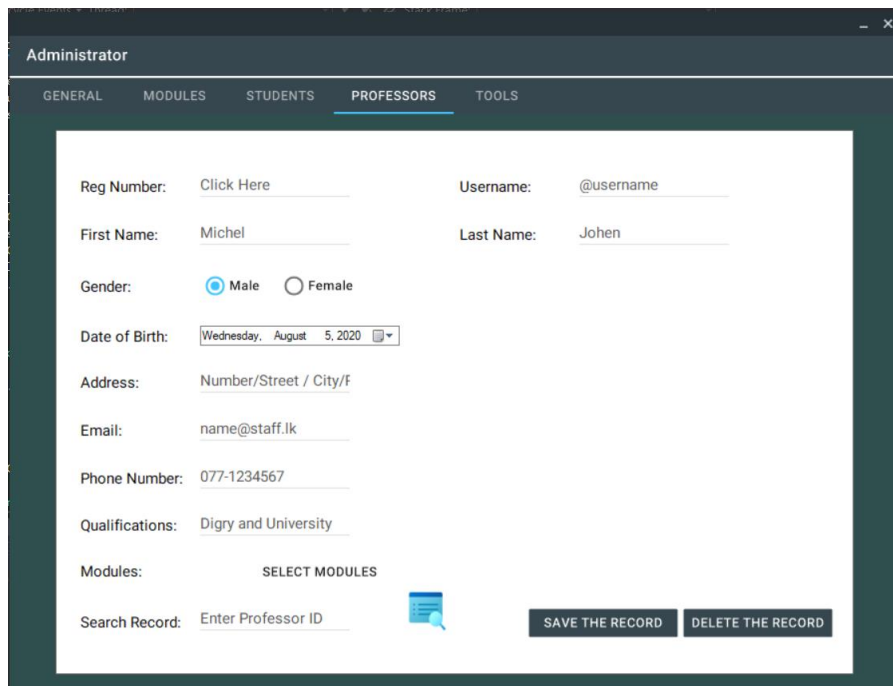
## Student registration form



*Figure 34:Student updates*

In this section, the admin can manage all of the student details. Here includes student registration, details update and more.

## Professor updates



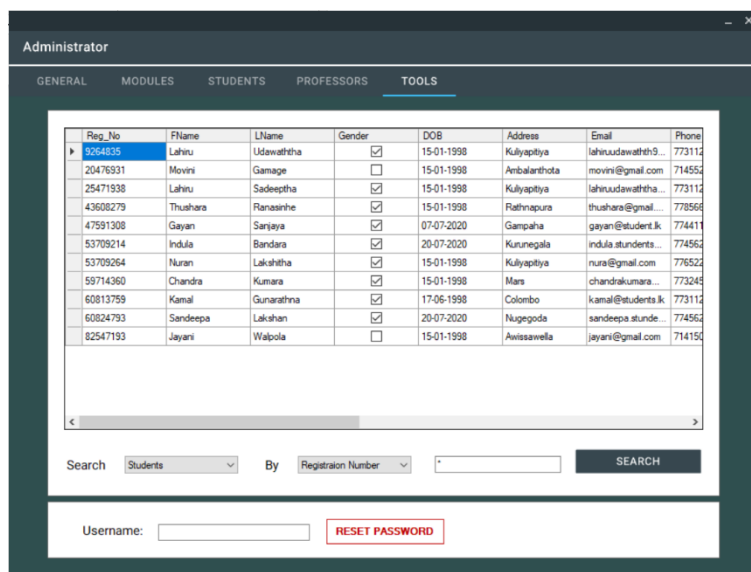
The screenshot shows the 'PROFESSORS' tab in the Administrator interface. The form contains the following fields:

- Reg Number: Click Here
- Username: @username
- First Name: Michel
- Last Name: John
- Gender: ☒ Male ☐ Female
- Date of Birth: Wednesday, August 5, 2020
- Address: Number/Street / City/F
- Email: name@staff.lk
- Phone Number: 077-1234567
- Qualifications: Digry and University
- Modules: SELECT MODULES
- Search Record: Enter Professor ID
- Buttons: SAVE THE RECORD, DELETE THE RECORD

Figure 35: Professor updates

In this section, the admin can manage all of the professor details. Here includes professor registration, details update and more.

## Filter details



The screenshot shows the 'TOOLS' tab in the Administrator interface, displaying a table of professor details. The table has the following columns: Reg\_No, Fname, LName, Gender, DOB, Address, Email, and Phone. The first row is highlighted.

Reg_No	Fname	LName	Gender	DOB	Address	Email	Phone
9264135	Lahru	Udawattha	<input checked="" type="checkbox"/>	15-01-1998	Kuliyapitiya	lahruudawatthS...	773112
20476331	Movini	Gamage	<input type="checkbox"/>	15-01-1998	Ambaranthota	movini@gmail.com	714552
25471938	Lahru	Sadeeptha	<input checked="" type="checkbox"/>	15-01-1998	Kuliyapitiya	lahruudawatthS...	773112
43608279	Thushara	Ronasinhe	<input checked="" type="checkbox"/>	15-01-1998	Rathnapura	thushara@gmail...	778566
47591308	Gayani	Sanjaya	<input checked="" type="checkbox"/>	07-07-2020	Gampaha	gayani@student.lk	774411
53709214	Indula	Bandara	<input checked="" type="checkbox"/>	20-07-2020	Kunnegala	indula.student...	774562
53709264	Nura	Lakshitha	<input checked="" type="checkbox"/>	15-01-1998	Kuliyapitiya	nura@gmail.com	776522
59714360	Chandra	Kumara	<input checked="" type="checkbox"/>	15-01-1998	Mars	chandrakumara...	773245
60813759	Kamal	Gunaratna	<input checked="" type="checkbox"/>	17-06-1998	Colombo	kamal@student.lk	773112
60824793	Sandeepa	Lakshan	<input checked="" type="checkbox"/>	20-07-2020	Nugegoda	sandeepa.stunde...	774562
82547193	Jayani	Walpola	<input type="checkbox"/>	15-01-1998	Avissawella	jayani@gmail.com	714150

Below the table, there is a search bar with a dropdown menu set to 'Students' and a 'By' dropdown menu set to 'Registration Number'. A 'SEARCH' button is also present.

At the bottom, there is a 'Username' field and a 'RESET PASSWORD' button.

Figure 36: Filter details

In this section, the admin can get details abouts all of the professors, students and module details.

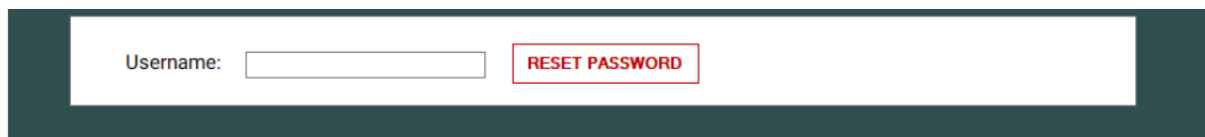
Filter option can use 3 types.

Filter modules - can filter using by Module id, Year and Credit.

Filter Student – can filter using by Registration number, First name, Last name and Year.

Filter professor - can filter using by Registration number, First name and Last name.

## Reset password

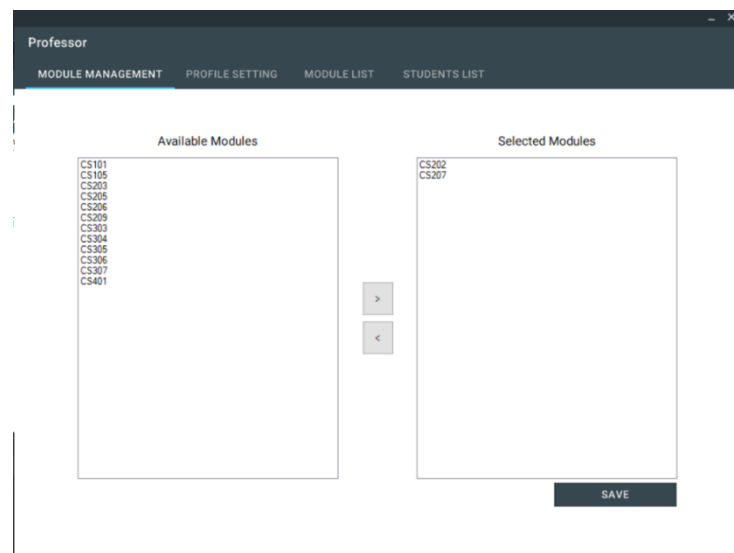


A screenshot of a web form for resetting a password. It features a dark green header bar. Below the header, there is a white rectangular box containing a text input field labeled 'Username:' and a red button labeled 'RESET PASSWORD'.

*Figure 37: Reset password*

This section created for professors forget their password admin can reset it to default password.

## Professor Department Manage private modules.



A screenshot of a web application interface for managing private modules. The interface has a dark blue header with the title 'Professor' and four tabs: 'MODULE MANAGEMENT', 'PROFILE SETTING', 'MODULE LIST', and 'STUDENTS LIST'. The main content area is divided into two columns: 'Available Modules' and 'Selected Modules'. The 'Available Modules' column contains a list of module IDs: CS101, CS105, CS203, CS205, CS206, CS209, CS303, CS304, CS305, CS306, CS307, and CS401. The 'Selected Modules' column contains a list of module IDs: CS202 and CS207. Between the two columns are two buttons: a right arrow (>) and a left arrow (<). At the bottom right of the 'Selected Modules' column is a 'SAVE' button.

*Figure 38: Manage private modules.*

In this section include the process of the course management. professor can manage and update the private modules.

## Professor profile

Professor

MODULE MANAGEMENT
**PROFILE SETTING**
MODULE LIST
STUDENTS LIST

Register Number:
658204
Username:
@sulari65

Full Name:
Sulari Fernando

Gender:
Male

Date of Birth:
05-08-2020

Address:
Colombo/Colombo

Email Address:
sulari.staff@nsbm.lk

Phone Number:
77784450

Qualifications:
MBBS in university of colombo

**Figure 39: Professor profile**

This section using for view professor's profile data but professor cant edit this details because this is read only data set. Professors can edit details get admin supports.

## Professor password reset

Current Password:

New Password:
Use 6 characters

Confirm Password:
Use 6 characters

CHANGE PASSWORD

**Figure 40: Professor password reset**

This section using for changing the professor default password (123).

## Get details of Modules.

Professor

MODULE MANAGEMENT
PROFILE SETTING
**MODULE LIST**
STUDENTS LIST

Mid	Name	Year	Credits	Hours	Cost
CS101	Introduction to Comput...	1	3	30	150000
CS105	OOP	1	1	25	150000
CS202	Data Structures	2	2	30	150000
CS203	Database Management...	2	2	30	150000
CS205	Computer Architecture	2	3	40	150000
CS206	Computer Device Interf...	2	2	28	150000
CS207	OOP With JAVA	1	2	25	150000
CS209	Concurrent Programming	2	1	30	150000
CS303	Operating Systems Con...	3	3	40	150000
CS304	Digital Image Processing	3	2	25	150000
CS305	Communication Networks	3	2	30	150000
CS306	Compiler Construction	3	3	40	150000

**Figure 41: Get details of Modules.**

In this section, the professor can get details abouts all of the modules.



## Get details of students.

Professor

MODULE MANAGEMENT
PROFILE SETTING
MODULE LIST
STUDENTS LIST

	Reg_No	FName	LName	Gender	DOB	Address	Email	Phone
▶	20476931	Movini	Gamage	<input type="checkbox"/>	15-01-1998	Ambalanthota	movini@gmail.com	7145520
	25471938	Lahiru	Sadeeptha	<input checked="" type="checkbox"/>	15-01-1998	Kuliapitiya	lahiruudawaththa...	7731120
	43608279	Thushara	Ranasinthe	<input checked="" type="checkbox"/>	15-01-1998	Rathnapura	thushara@gmail....	7785666
	53709264	Nuran	Lakshitha	<input checked="" type="checkbox"/>	15-01-1998	Kuliapitiya	nura@gmail.com	7765222
	59714360	Chandra	Kumara	<input checked="" type="checkbox"/>	15-01-1998	Mars	chandrakumara...	7732450

Module:
CS206

**Figure 42: Get details of students.**

In this section, the professor can get details abouts all of students and their module details. Professor can filter students by modules.

## User feedback.

### Overall customer Experiences.

	Status
How would you rate your overall customer experiences	Very good
How satisfied you with the product.	Good
How satisfied you with the timeline of delivery	Very good
Would you recommend our service	Very good

## Workload matrix

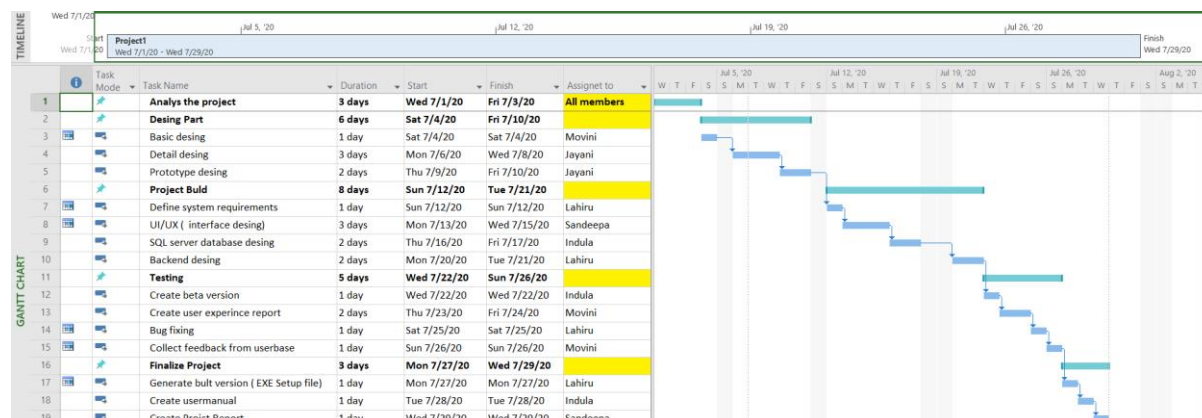


Figure 43: Workload matrix