

Prototype of School Management System

Diya Dangol, Prashant bist, Utsav Shumsher Thapa,

Sonal Thapa and Shiva Vishwakarma

BSc. (Hons.) Computing, Softwarica College of IT and E-commerce, Coventry University

ST4009CEM: Computing Activity Led Learning Project 2

Ujjwal Humagain

Aprill 22, 2022

Prototype

Figure 1

Low fidelity Admin Login

A hand-drawn low-fidelity prototype of an Admin Login form. The form is titled "Admin Login" at the top. Below the title, there are two input fields: one for "Username:" and one for "Password:". Below the password field, there is a checkbox labeled "Remember Password" which is checked. At the bottom of the form, there is a button labeled "LOGIN".

Admin Login

Username:

Password:

☒ Remember Password

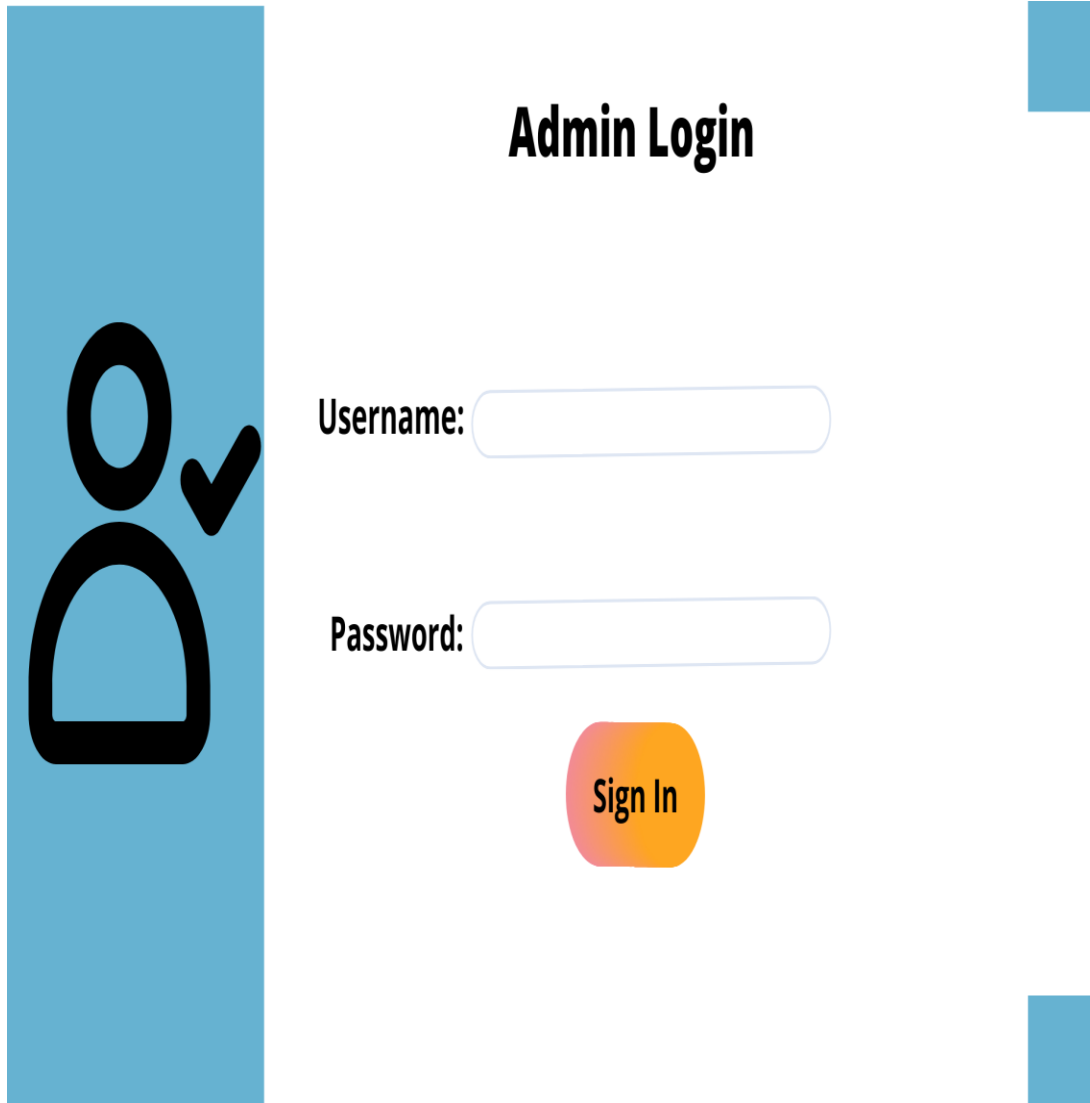
LOGIN

Figure 2

Mid fidelity Admin login

The diagram illustrates a mid-fidelity admin login form. It is enclosed in a large rectangular frame. At the top center, there is a rounded rectangular box labeled "Admin Login Page". Below this, the form is organized into two rows of input fields. The first row consists of a rounded rectangular label "Username" followed by a long, empty rectangular text input field. The second row consists of a rounded rectangular label "Password" followed by a long, empty rectangular text input field. A small downward-pointing arrow is positioned above the "Password" label. Below the input fields, centered horizontally, is a rectangular button labeled "Login".

Text

Figure 3*High fidelity Admin Login*

The image shows a high-fidelity admin login form. On the left, there is a blue vertical bar containing a black icon of a person with a checkmark. To the right of this bar, the title "Admin Login" is centered in a bold, black font. Below the title, there are two input fields: "Username:" and "Password:". Each label is followed by a rounded rectangular input box. Below the password field, there is a rounded rectangular button with a gradient from orange to yellow, labeled "Sign In". The entire form is set against a light gray background. There are also two small blue squares, one above and one below the "Sign In" button, aligned to the right.

Admin Login

Username:

Password:

Figure 4

Low fidelity User login

A hand-drawn sketch of a user login interface on a rectangular card. At the top, the title "USER LOGIN" is written in a simple, hand-drawn font. Below the title, the label "Username:" is followed by a horizontal rectangular input field. Underneath that, the label "Password:" is followed by another horizontal rectangular input field. Centered below the password field is a rectangular button with the text "LOG IN" inside. At the bottom of the card, there are two links: "Forget your password?" and "Create Account", both written in a simple, hand-drawn font.

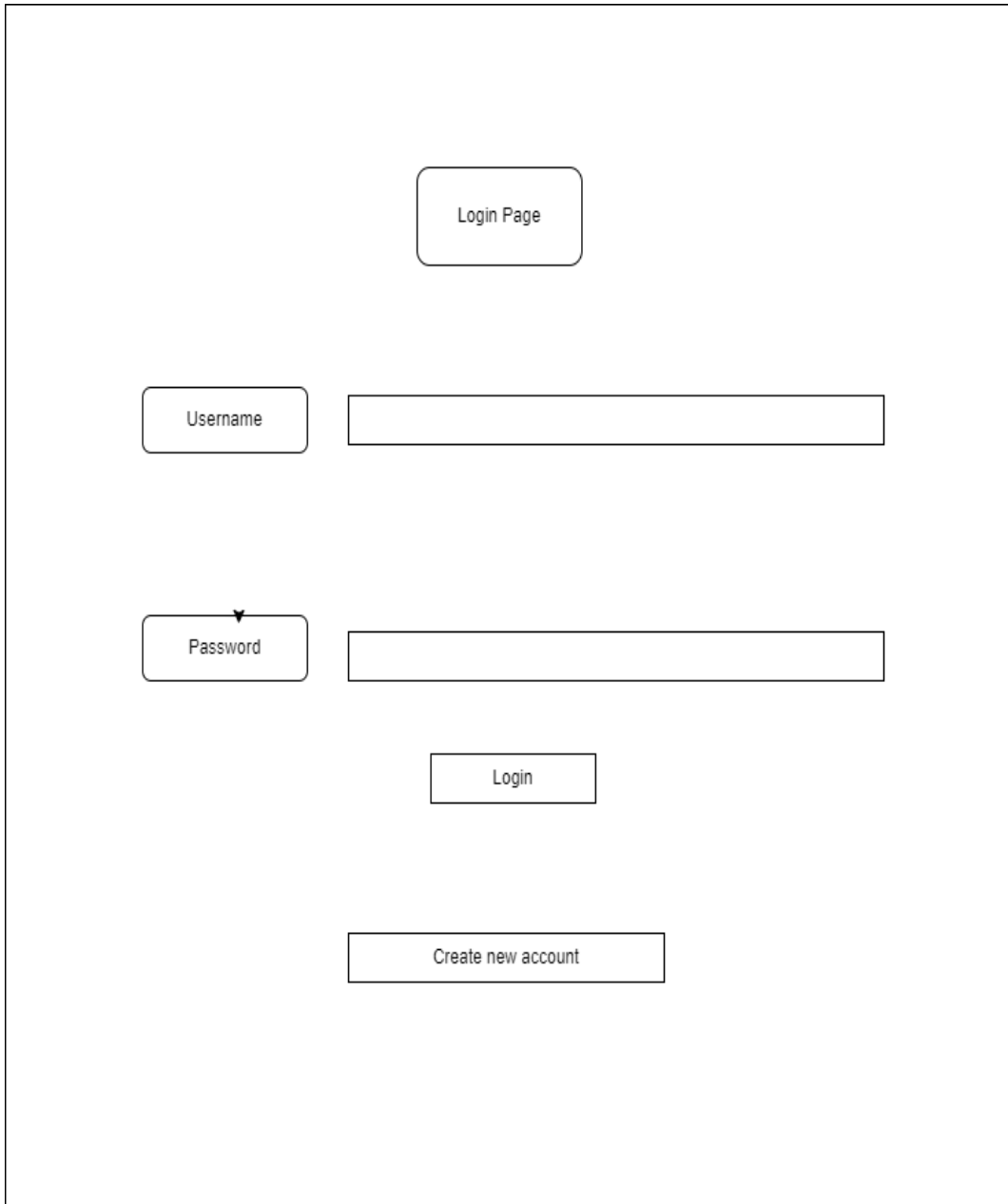
USER LOGIN

Username:

Password:

LOG IN

Forget your password? Create Account

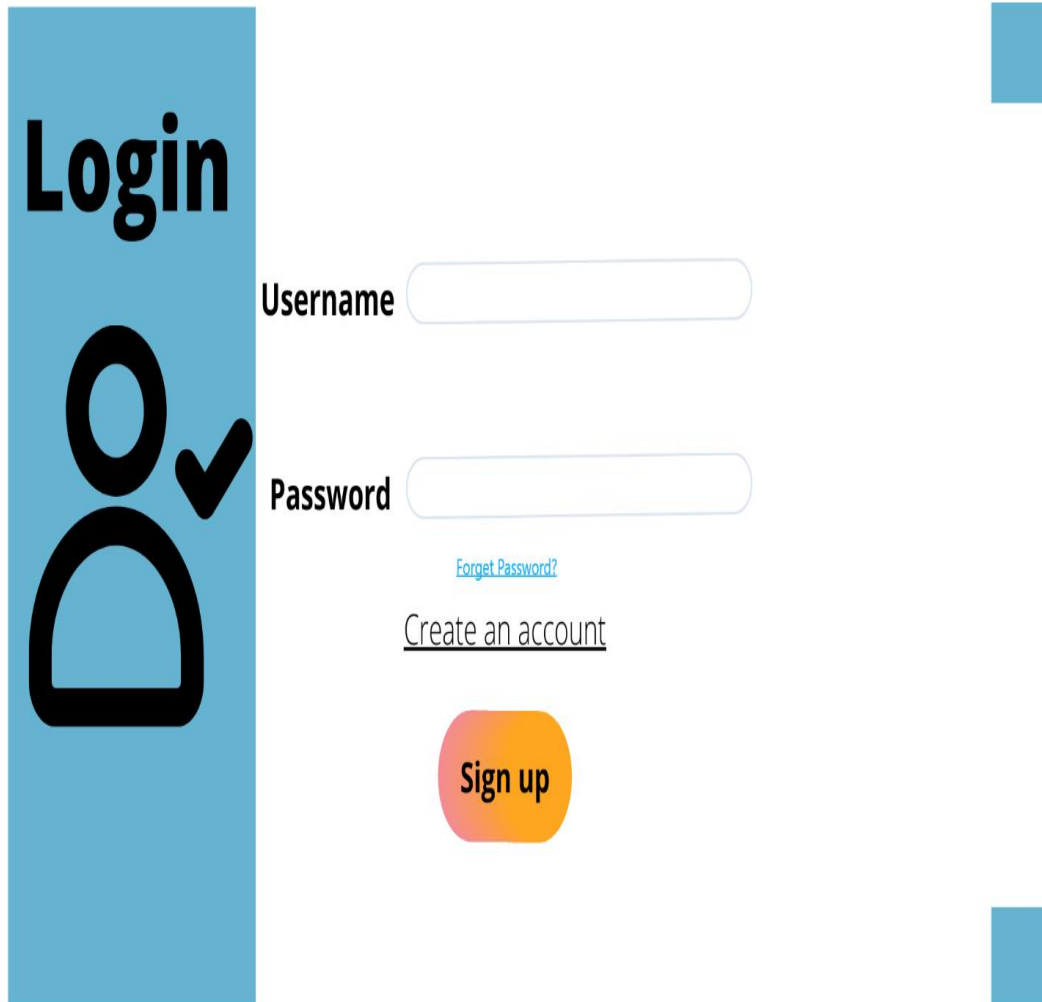
Figure 5*Mid fidelity User login*

A mid-fidelity wireframe for a user login page. The layout is centered and consists of the following elements from top to bottom: a rounded rectangle labeled "Login Page"; a label "Username" in a rounded rectangle followed by a horizontal input field; a label "Password" in a rounded rectangle with a small downward-pointing arrow above it, followed by another horizontal input field; a rectangular button labeled "Login"; and a rectangular button labeled "Create new account".

Text

Figure 6

High fidelity Login page



The image shows a high-fidelity login page design. On the left, there is a blue vertical bar containing the word "Login" in large, bold, black font, and a stylized black icon of a person with a checkmark. To the right of this bar, the word "Username" is followed by a white rounded rectangular input field. Below that, the word "Password" is followed by another white rounded rectangular input field. Under the password field, there is a blue link that says "Forgot Password?". Below the link, there is a text link that says "Create an account" with a thin underline. At the bottom, there is a rounded rectangular button with a gradient from orange to yellow, containing the text "Sign up" in bold black font. The entire page is set against a light gray background with two small blue squares on the right side.

Login

Username

Password

[Forgot Password?](#)

[Create an account](#)

Sign up

Figure 7

Low fidelity Home page

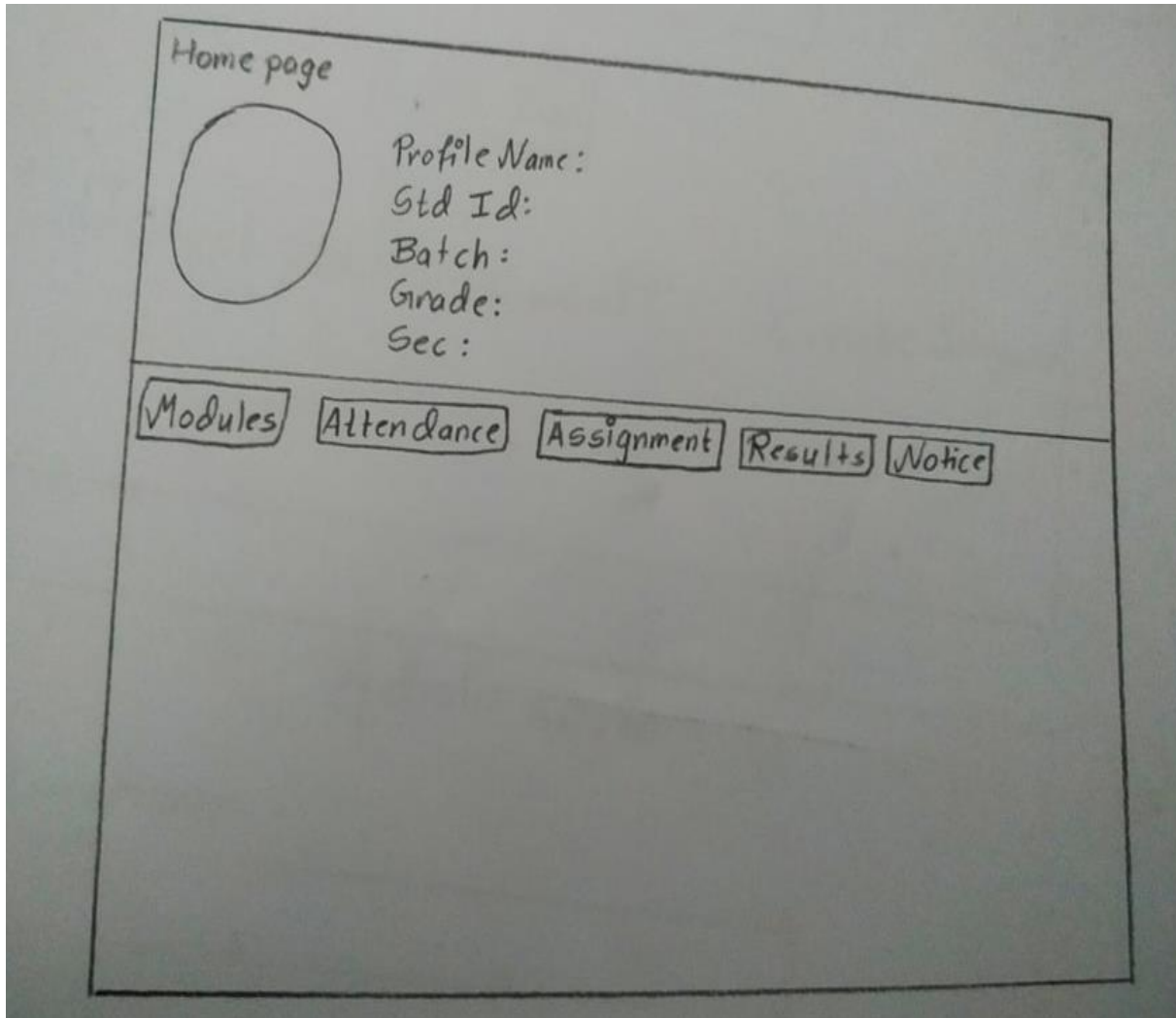


Figure 8*Mid fidelity Home page*

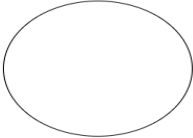
Home Page				
		Profile Name:		
		Student Id:		
		Grade:		
		Section:		
My Modules	Assignment	Attendance	Results	Notice

Figure 9*High Fidelity Home page*


Home page				
		Profile Name:		
		Student ID:		
		Grade:		
		Section:		
Modules	Attendance	Assignment	Results	Notice
<h2>Welcome</h2> <p>Gorkha United Public School (GUPS) established in 2057 B.S. (2000 AD) and ideally located at Kohalpur Municipality-02, Banke, in a peaceful and serene academic ambiance, with spacious physical infrastructure, has earned a formidable place in the Mid-Western Development Region of the country. The School spreads over 1.6 hectare of land, acquiring its own Academic and Administrative buildings, Residential building, Full fledged Science lab, Computer Lab, Resourceful Library with study room, Auditorium and Cafeteria. GUPS, with a team of dedicated and highly experienced professionals, leaves no stone unturned to provide academic excellence, implementing Modern Methodology of Teaching. Since 2065 B.S. it has started Grade XI & XII in Science and Management stream with adequate physical and academic facilities. Since Academic year-2075, the school has started to operate B. Sc. Agriculture programme affiliated to Agriculture & Forestry University, Rampur, Chitwan under the project 'Gorkha Polytechnic College & Research Centre' with the sole aim to provide technical education.</p>				

Figure 10*Low fidelity Profile*

A hand-drawn low-fidelity profile form titled "Profile" with a subtitle "Your Details" and the instruction "Please fill out this information." The form contains several input fields for personal information, arranged in a structured layout. The fields are: First Name, Middle Name, Last Name, Fathers Name, Mothers Name, Address, City, Province/State (with a dropdown arrow), Gender (with a dropdown arrow), Contact Number, Grade, and Email. An "Update" button is located at the bottom right of the form.

Profile

Your Details
Please fill out this information.

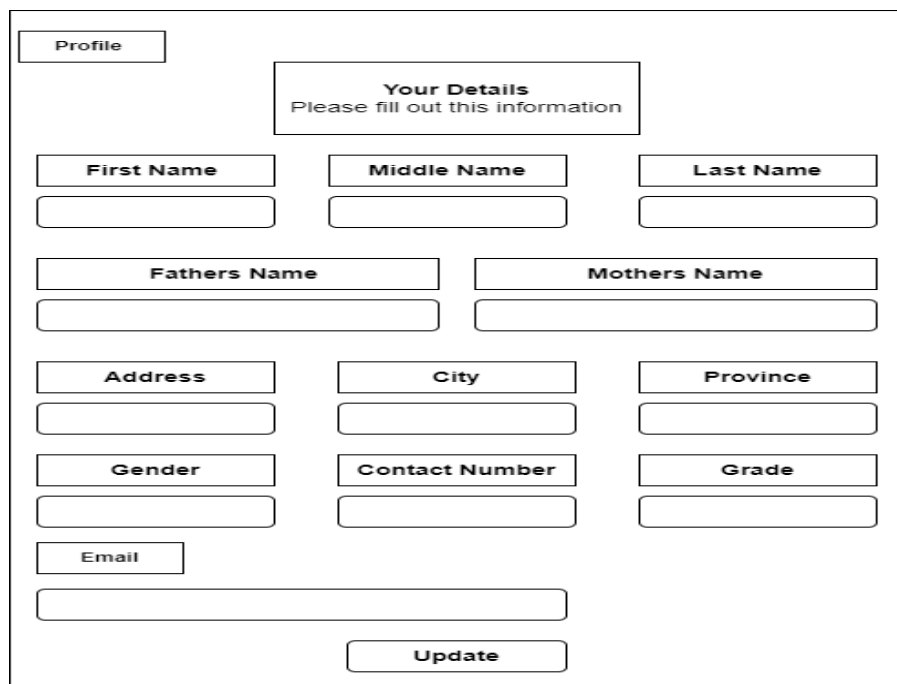
First Name Middle Name Last Name

Fathers Name Mothers Name

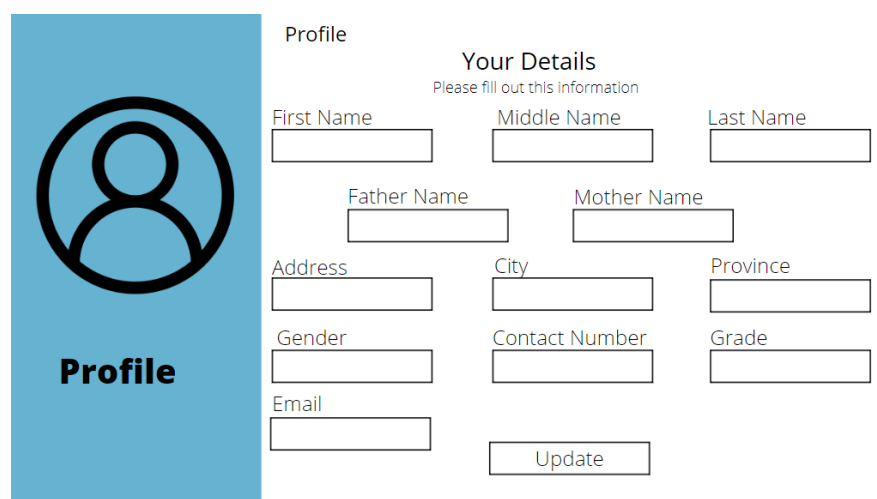
Address City Province/State

Gender Contact Number Grade

Email

Figure11*Mid fidelity Profile*


The mid-fidelity profile form is enclosed in a rectangular border. At the top left is a tab labeled "Profile". To its right is a box titled "Your Details" with the instruction "Please fill out this information". Below this, the form is organized into several rows of input fields. The first row contains three fields: "First Name", "Middle Name", and "Last Name". The second row contains two fields: "Fathers Name" and "Mothers Name". The third row contains three fields: "Address", "City", and "Province". The fourth row contains three fields: "Gender", "Contact Number", and "Grade". Below these is a single "Email" field. At the bottom center is an "Update" button.

Figure 12*High fidelity Profile*


The high-fidelity profile form features a blue vertical sidebar on the left containing a large black outline of a person's head and shoulders, with the word "Profile" in bold white text below it. To the right of the sidebar, the form is titled "Profile" and "Your Details" with the instruction "Please fill out this information". The input fields are arranged in a grid: "First Name", "Middle Name", and "Last Name" in the first row; "Father Name" and "Mother Name" in the second row; "Address", "City", and "Province" in the third row; "Gender", "Contact Number", and "Grade" in the fourth row; and "Email" in the fifth row. An "Update" button is located at the bottom right of the form area.

Figure 13*Low fidelity Attendance*

Attendance	
Sub 1	
Present	Absent
Sub 2	
Present	Absent
Sub 3	
Present	Absent
Sub 4	
Present	Absent
Sub 5	
Present	Absent
Sub 6	
Present	Absent

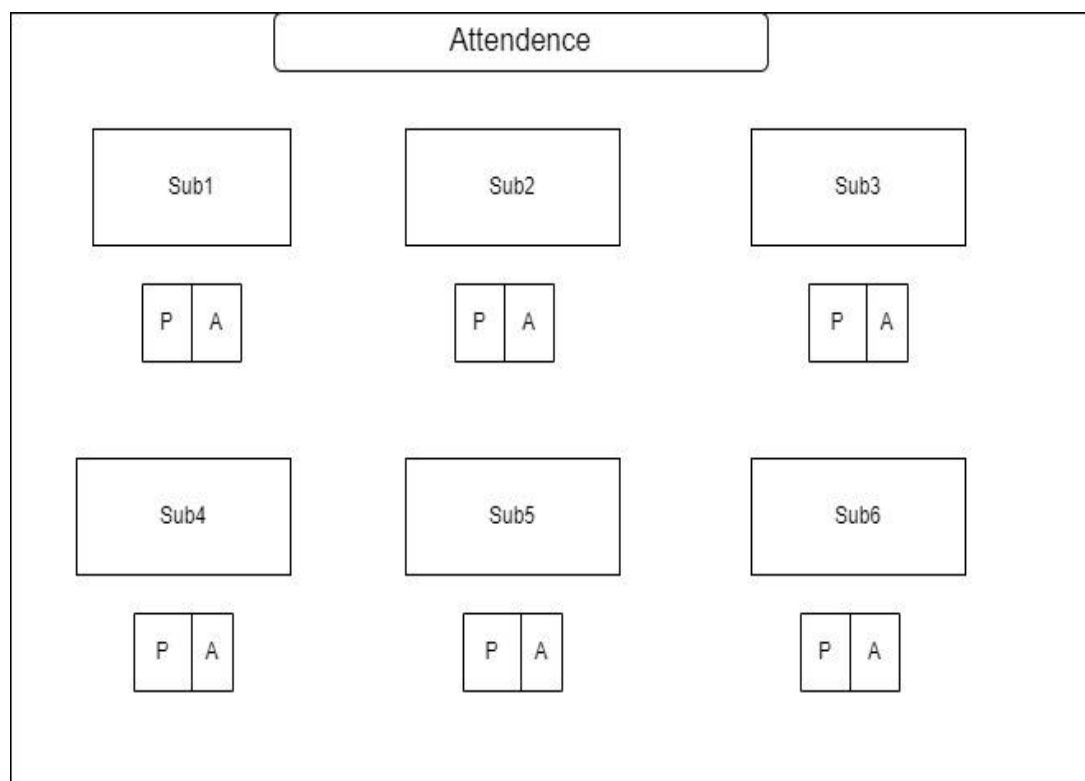

Figure 14*Mid fidelity Attendance*

Figure 15*High fidelity Attendance*

Attendance

Attendance

Attendance	
Subject1	<div>PRESENT</div> <div>ABSENT</div>
Subject2	<div>PRESENT</div> <div>ABSENT</div>
Subject3	<div>PRESENT</div> <div>ABSENT</div>
Subject4	<div>PRESENT</div> <div>ABSENT</div>
Subject5	<div>PRESENT</div> <div>ABSENT</div>
Subject6	<div>PRESENT</div> <div>ABSENT</div>


Figure 16*Low fidelity Exam Routine*

The form is titled "Exam Routines" and contains four identical sections for recording exam details. Each section consists of a rectangular box divided into two columns. The left column is labeled "Subject" and "Time", and the right column is labeled "Room No.-". Above each box, there are labels for "Day" and "Date".


Day	Date
Subject Time	Room No.-
Subject Time	Room No.-
Subject Time	Room No.-
Subject Time	Room No.-

Figure 17*Mid fidelity Exam routine*

Exam Routines	
Days:	Date:
Subject:	Room NO.:
Time:	
Days:	Date:
Subject:	Room NO.:
Time:	
Days:	Date:
Subject:	Room NO.:
Time:	
Days:	Date:
Subject:	Room NO.:
Time:	

Figure 18*High fidelity Exam routine*

Exam Routine

Exam Routine 


Days	Date
Subject	
Room No.	
Time	

Days	Date
Subject	
Room No.	
Time	

Days	Date
Subject	
Room No.	
Time	

Figure 19

Low fidelity Notices

Notices 

Announcements & Holidays.

Notice
Date ----

Mark as seen Read More

Holiday
Date

Seen Read More

Event
Date

seen Read More

Figure 20*Mid fidelity Notices*

Notices

Announcements & Holidays

Notice

Mark as seen

Date:

Read More...

Events

Seen

Date:

Read More...

Holiday

Mark as seen

Date:

Read More...

Events

Seen

Date:

Read More...

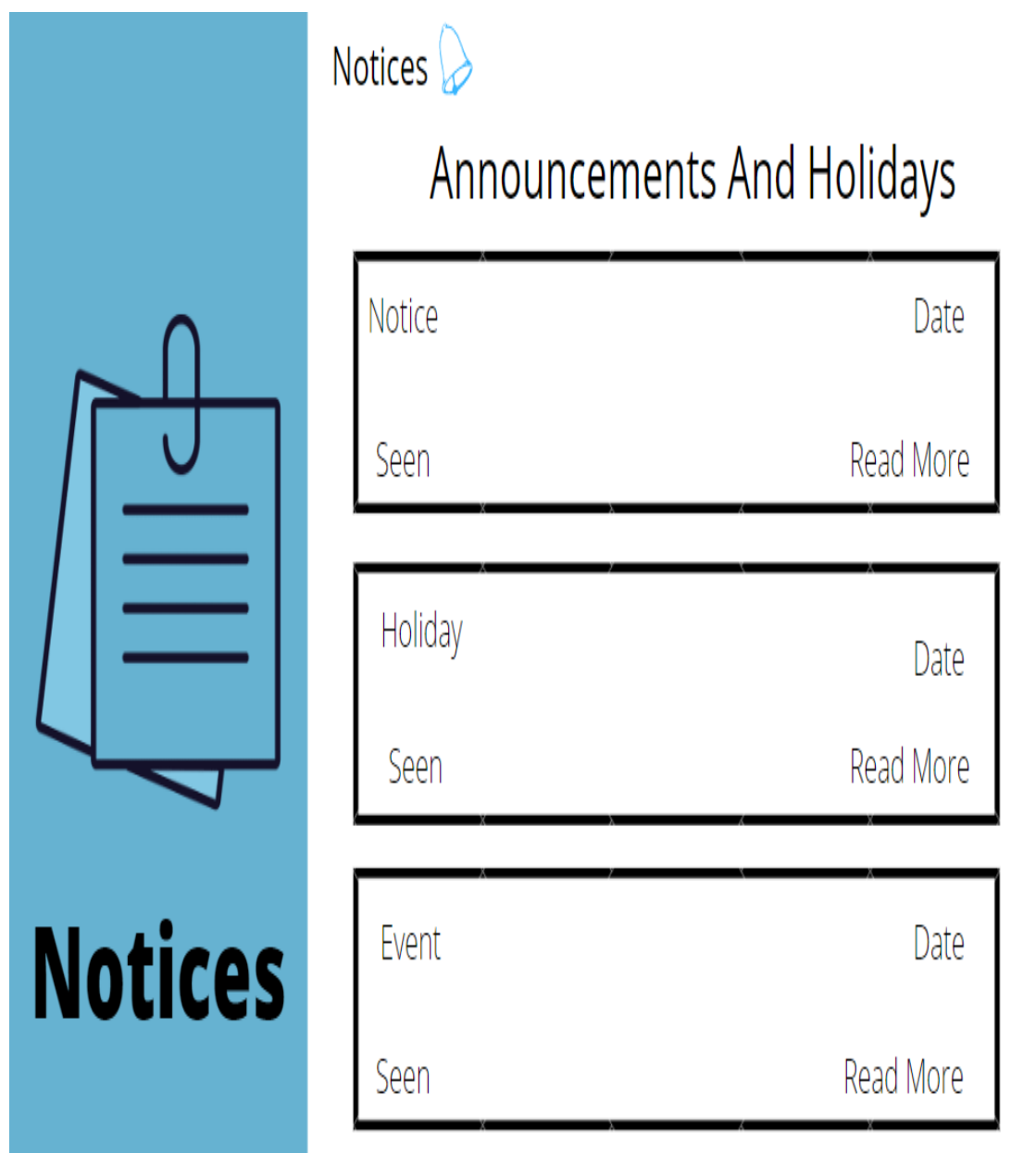
Figure 21*High fidelity Notices*

Figure 22

Low fidelity Sign up

A hand-drawn sketch of a sign-up form on a dark background. The form is enclosed in a rectangular border. At the top center, the text "SIGN UP" is written in a simple, hand-drawn font. Below this, there are four input fields, each preceded by a label: "Username:", "Email Id:", "Enter Password:", and "Confirm Password:". Each label is followed by a horizontal rectangular box representing the input field. At the bottom center of the form, there is a rectangular button labeled "LOGIN".

SIGN UP

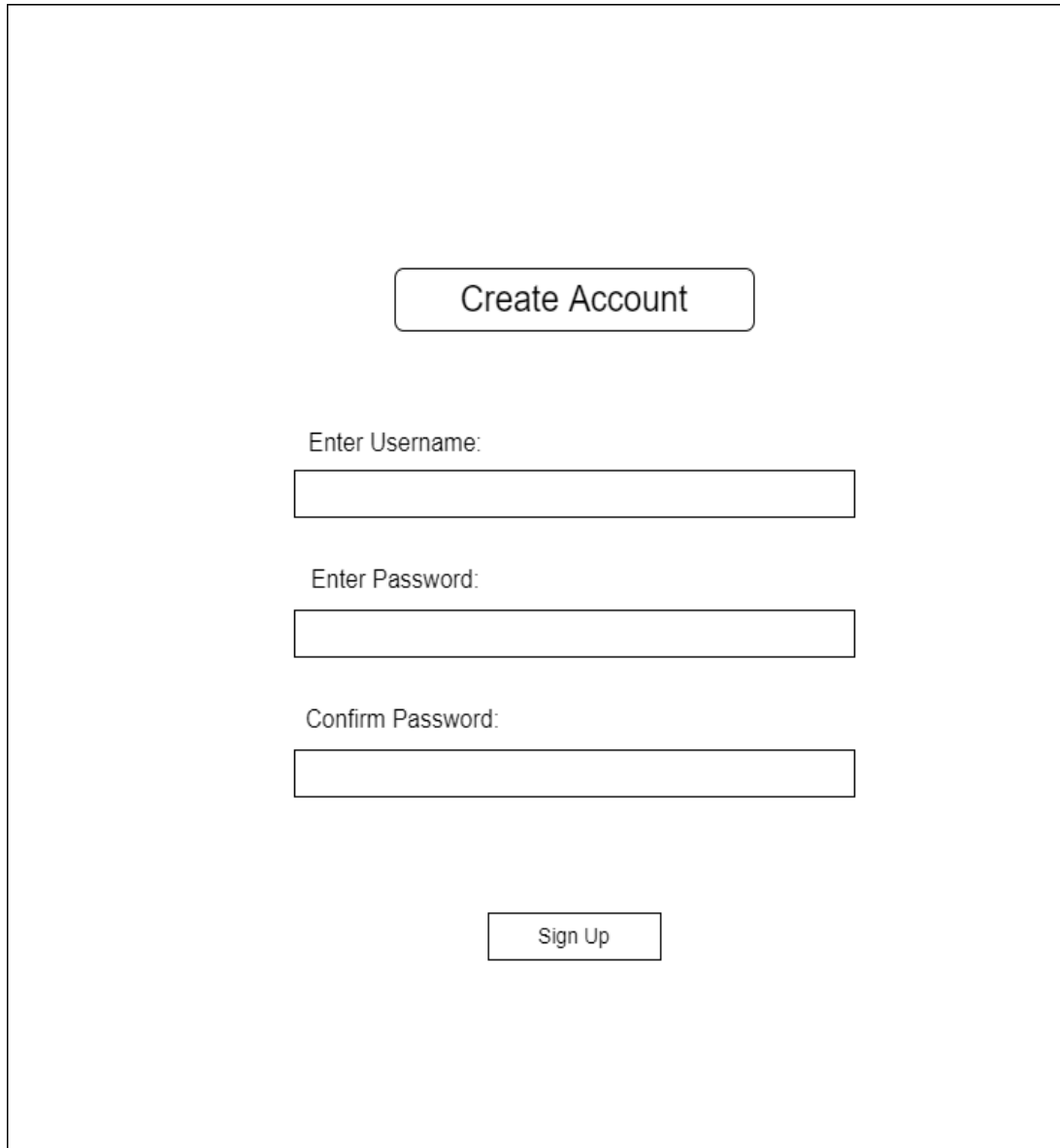
Username:

Email Id:

Enter Password:

Confirm Password:

LOGIN

Figure 23*Mid fidelity Create Account*

A mid-fidelity wireframe for a 'Create Account' form. The form is centered within a large rectangular frame. At the top, there is a rounded rectangular button labeled 'Create Account'. Below this, the form consists of three vertically stacked input fields. Each input field is preceded by a label: 'Enter Username:', 'Enter Password:', and 'Confirm Password:'. The input fields are simple rectangular boxes. At the bottom of the form, centered, is a rectangular button labeled 'Sign Up'.

Create Account

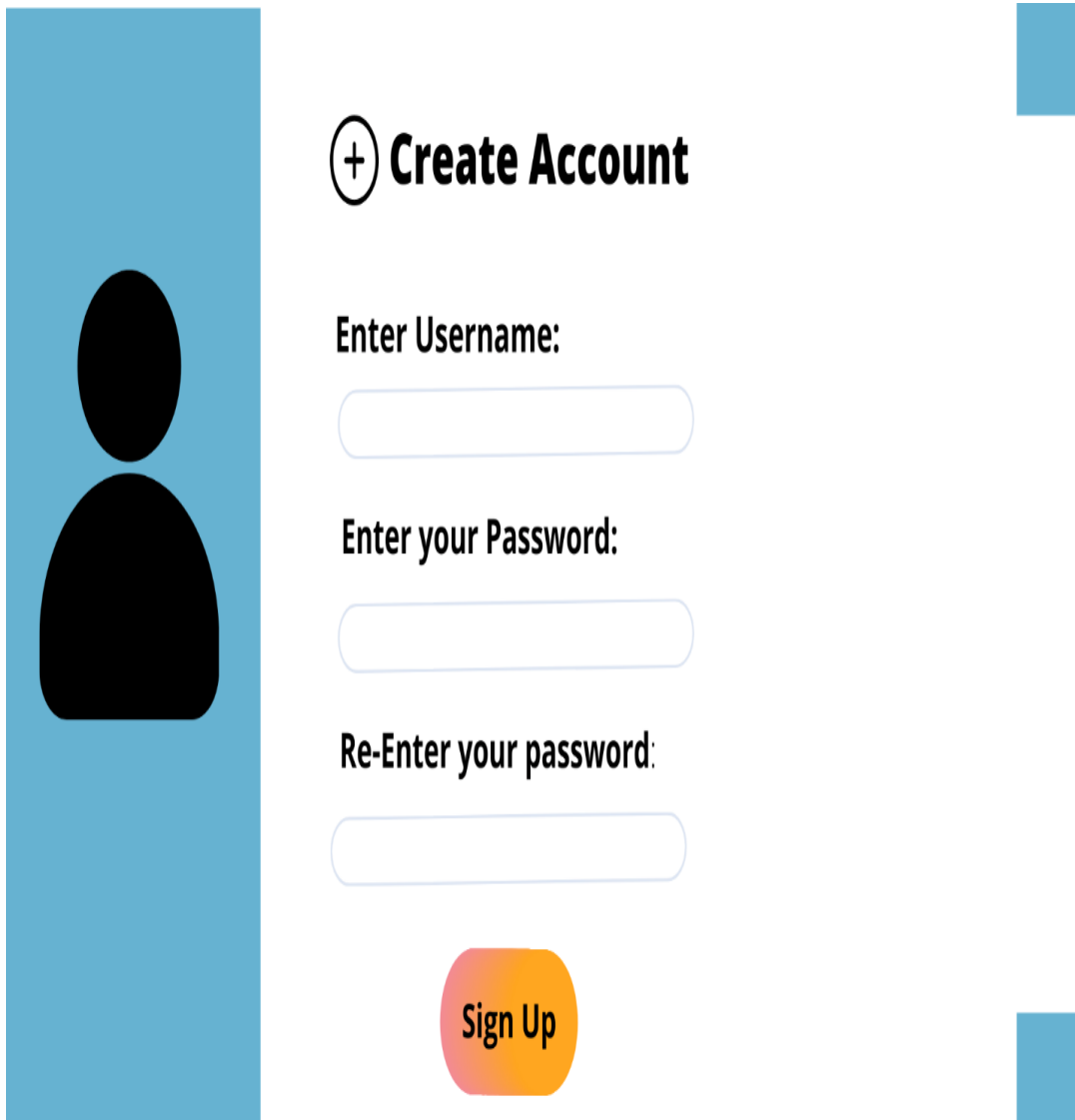
Enter Username:

Enter Password:

Confirm Password:

Sign Up

Text

Figure 24*High fidelity Create Account*

A high-fidelity mockup of a 'Create Account' form. On the left is a large blue vertical rectangle containing a black silhouette of a person. To the right of this rectangle, the title 'Create Account' is displayed in bold black text, preceded by a plus sign inside a circle. Below the title are three input fields: 'Enter Username:', 'Enter your Password:', and 'Re-Enter your password:'. Each label is in bold black text, and each input field is a rounded rectangle with a light blue border. At the bottom center is a rounded rectangular button with a yellow-to-orange gradient, labeled 'Sign Up' in bold black text. The entire form is set against a light gray background. There are two small blue squares on the right side of the form: one above the password fields and one below the 'Sign Up' button.

+ **Create Account**

Enter Username:

Enter your Password:

Re-Enter your password:

Sign Up

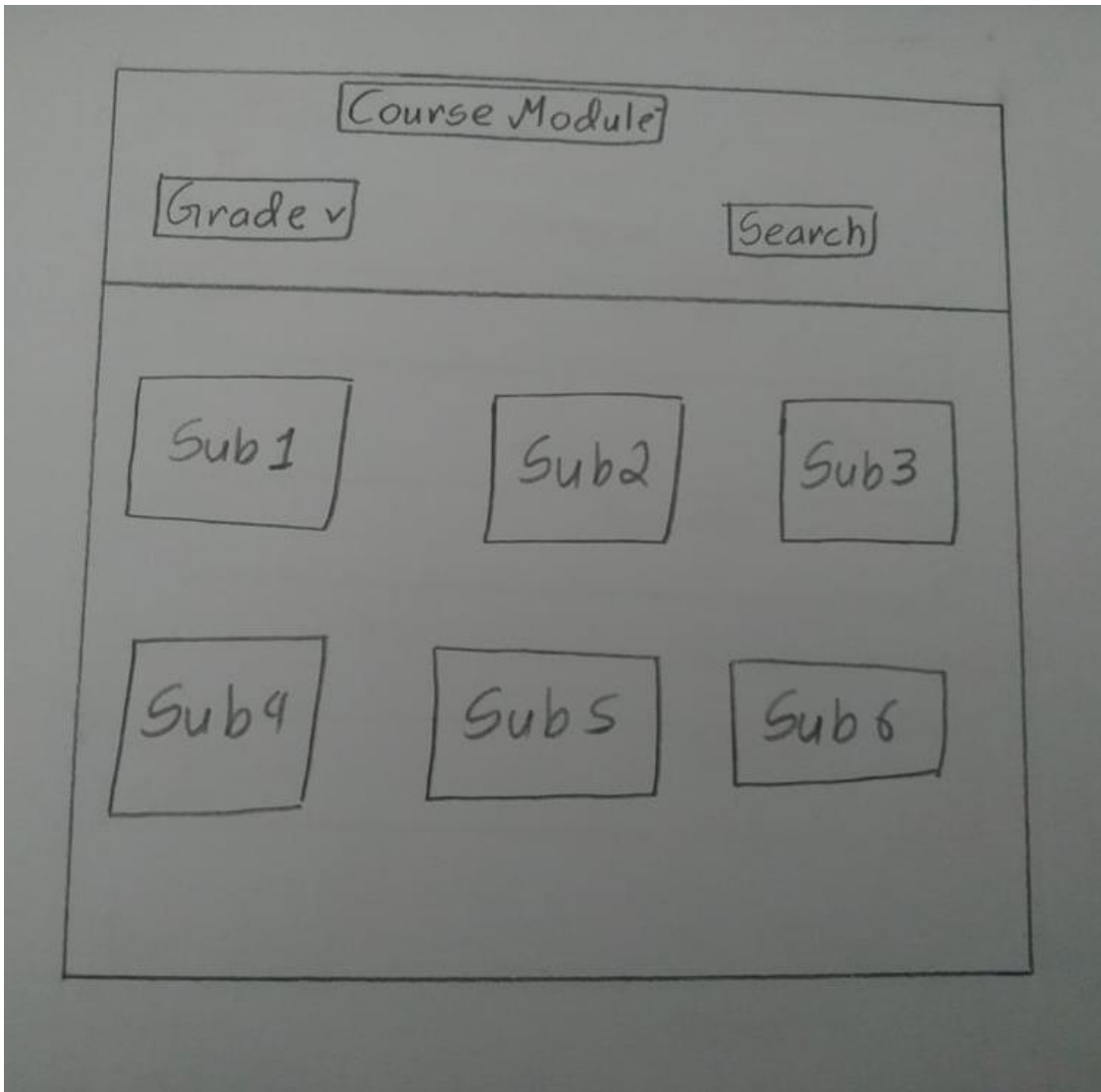
Figure 25*Low fidelity Module*

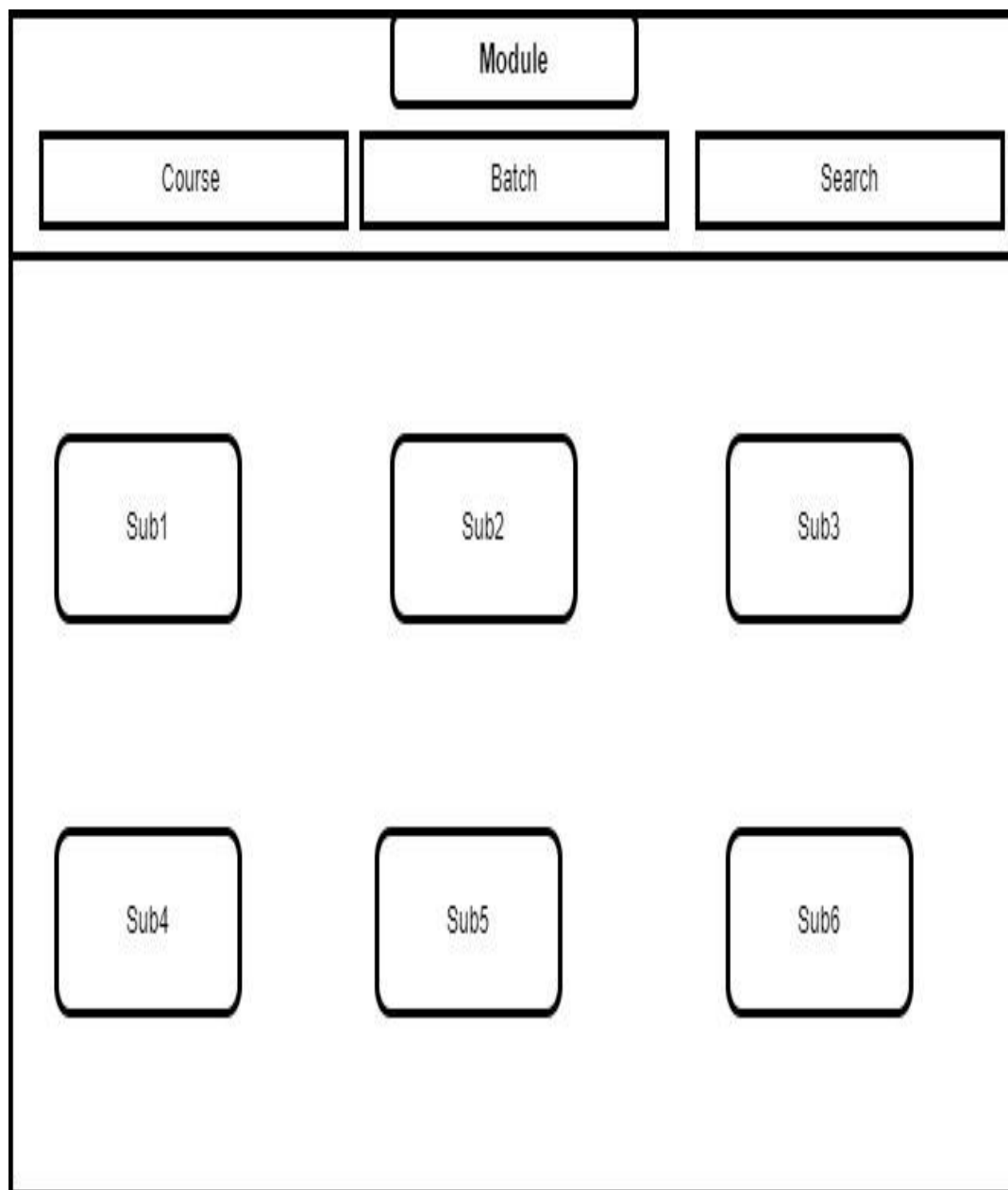
Figure 26*Mid fidelity Module*

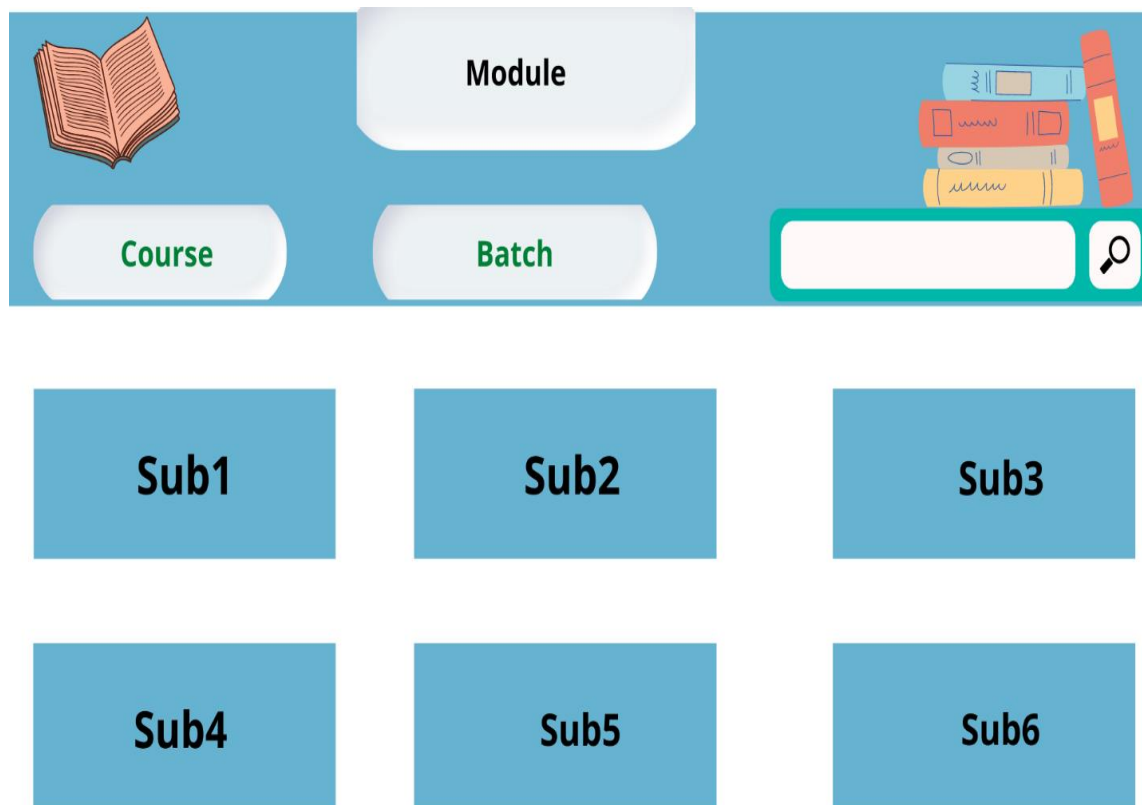
Figure 27*High fidelity Module*

Figure 29

Mid fidelity Submit Your Documents

Submit Your Documents

<div>Birth certificate</div> <div>Upload</div>	<div>DLE Marksheet</div> <div>Upload</div>
<div>SEE Marksheet</div> <div>Upload</div>	<div>grade 11 marksheet</div> <div>Upload</div>

Figure 30

High fidelity Submit your Documents

The image shows a high-fidelity wireframe of a document submission interface. On the left, there is a blue vertical sidebar. Inside the sidebar, at the top, is an icon of two overlapping white documents with black outlines and horizontal lines representing text. Below the icon, the word "Documents" is written in a large, bold, black sans-serif font. To the right of the sidebar, the main content area has a white background. At the top center of this area is a rectangular box with a black border containing the text "Submit Your Documents". Below this box, there are three separate document upload forms. The first form is on the left, the second is on the right, and the third is centered below the first two. Each form is a vertical rectangle with a black border, divided into two sections by a horizontal line. The top section of each form contains the text of the document type: "Birth Certificate" for the first, "DLE Certificate" for the second, and "Medical Certificate" for the third. The bottom section of each form contains the word "Upload" in a bold, black sans-serif font.

Submit Your Documents

Birth Certificate

Upload

DLE Certificate

Upload

Medical Certificate

Upload

Documents