

Project Name: Bangomata Hall Official Website

Course No: CSE-612

Course Title: Software Development

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Objectives

To build up our website, we use HTML,CSS,Bootstrap,JavaScript for frontend and PHP,MySQL for backend.

- To manage student data and login access by hall provost.
- To manage the information of the provost.
- To manage the meal list.
- To manage the payment and billing system of hallfee and mealfee.
- To see the rules and regulations which should be maintained by students.

Introduction

“Bangomata Hall Official Website of Sylhet Engineering College(SEC)” is a software application that is used to manage the day to day operations of the hall. This management system is designed to manage all hall activities like hall admissions, fees, room, mess allotment, hall stores & generates related reports for smooth transactions. It is also used to manage monthly mess bill calculation.

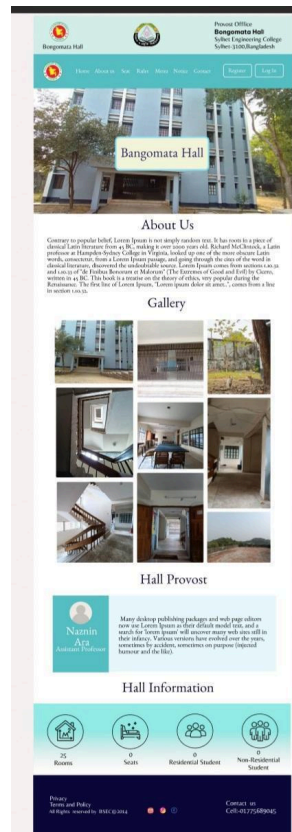
Description

This is a website where there are two multiple access login pages. One is for the student panel and another is for the teacher panel. We can get information about our hall. Students can get notice and see their hall fee sent or not,what type of meal arranged per day,cost of those meals etc are the main features of our website.

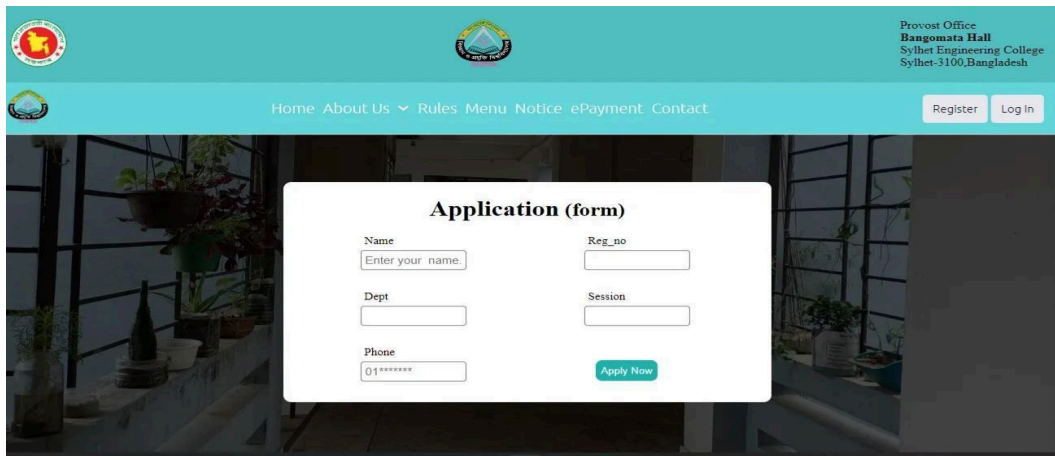
The features of our website are:

- Home page
- Register(student application)
- Multiple login access(student panel and teacher panel)
- About us (history,provost details)
- Rules
- Notice
- Menu
- E-payment
- Contact

This is our home page of Bangomata Hall where they consist of the history of SEC, gallery of hall, provost details and hall information.

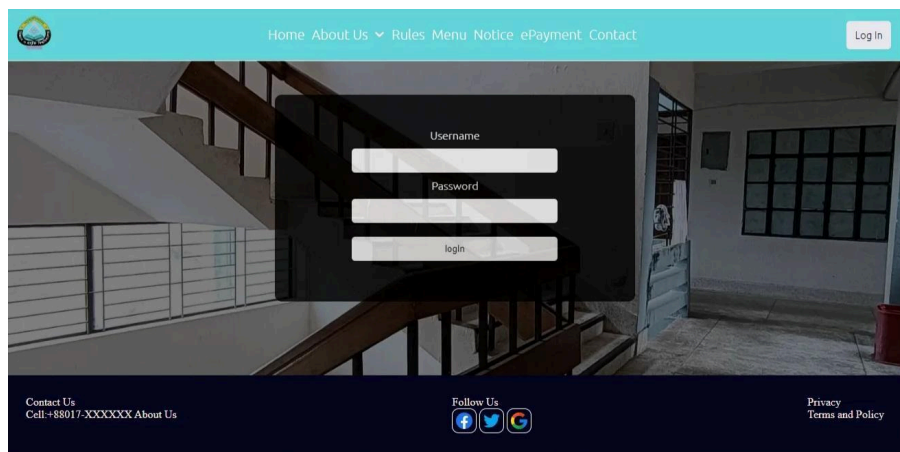


Now let's talk about how to apply for a hall seat.



The screenshot shows the 'Application (form)' page of the Bangomata Hall website. The page has a teal header with the college logo on the left and the text 'Provost Office Bangomata Hall Sylhet Engineering College Sylhet-3100, Bangladesh' on the right. Below the header is a navigation bar with links: Home, About Us, Rules, Menu, Notice, ePayment, and Contact. On the right side of the navigation bar are 'Register' and 'Log In' buttons. The main content area features a white form titled 'Application (form)' with the following fields: Name (with placeholder 'Enter your name'), Reg_no, Dept, Session, and Phone (with placeholder '01*****'). An 'Apply Now' button is located at the bottom right of the form. The background of the page is a dark image of a staircase with potted plants.

This is the application form where a student can register for her seat.

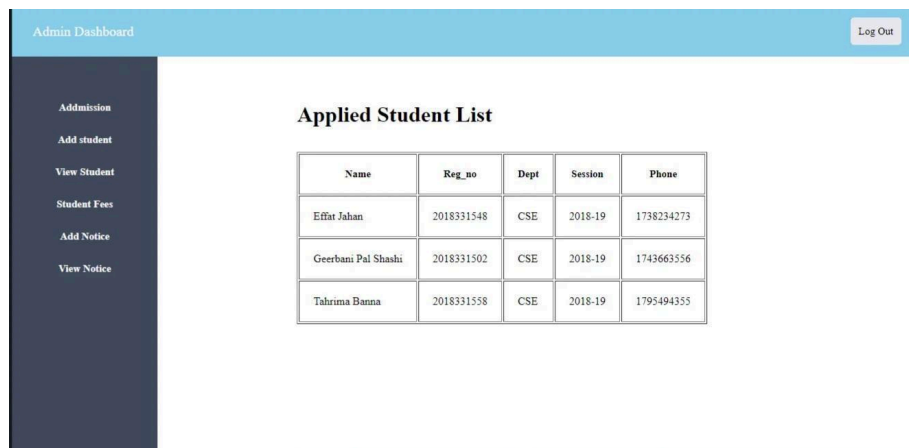


The screenshot shows the login section of the Bangomata Hall website. The page has a teal header with the college logo on the left and the text 'Home About Us Rules Menu Notice ePayment Contact' on the right. On the right side of the header is a 'Log In' button. The main content area features a dark image of a staircase with a white login form overlaid. The form has fields for 'Username', 'Password', and a 'login' button. The footer is dark blue and contains contact information on the left ('Contact Us Cell:+88017-XXXXXX About Us'), social media links in the center ('Follow Us' with Facebook, Twitter, and Google+ icons), and a 'Privacy Terms and Policy' link on the right.

This is our login section where there are multiple access systems. One is for the admin(teacher) panel and another is for the student panel. In the admin panel logging in successfully, the teacher can have some important parts like-admin dashboard,admission,add student,student fees,add notice,view notice.



After logging in to the teacher panel, this is our admin dashboard section.



This is our admission section where teachers can see whose students have applied for the seat.

The screenshot shows a web browser window with the URL `localhost/H/add_std.php`. The page is titled "Admin Dashboard" and has a "Log Out" button in the top right corner. On the left, there is a sidebar menu with the following items: Admission, Add student, Student Fees, Add Notice, View Provost, Add Personnel, and View Personnel. The main content area is titled "Add student" and contains a form with the following fields: Username, Phone, Email, and Password. Below the form is a green button labeled "Add Student".

This is our add student section where the teacher adds our students to those who are applying for the seat.

The screenshot shows the "Admin Dashboard" with a "Log Out" button in the top right corner. The sidebar menu is the same as in the previous screenshot. The main content area is titled "Student data" and contains a table with the following data:

Username	Phone	Email	Password	Delete	Update
Banna	1795491355	banna@gmail.com	tahrma	Delete	Update

After adding students by admin/teacher, admin can see the information in the database. Now if we want to edit the data information we just click on the update option and then we edit the page. And find the final output.

Admin Dashboard

Log Out

Admission

Add student

View Student

Student Fees

Add Notice

View Notice

Update student

Username

Banna

Phone

1795491355

Email

tahrimabanna@gmail.co

Password

tahrima

Update Student

Update information of students which are confirmed for seats.

Admin Dashboard

Log Out

Admission

Add student

View Student

Student Fees

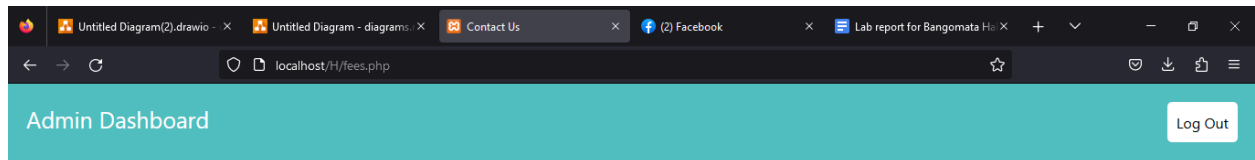
Add Notice

View Notice

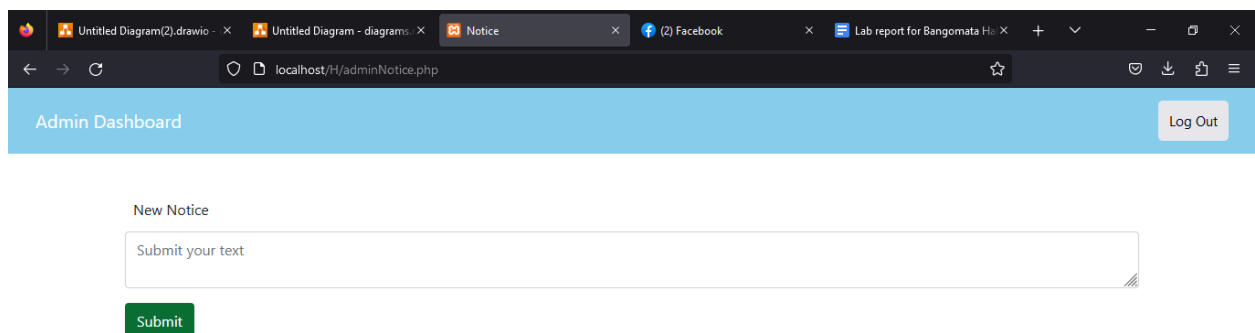
Student data

Username	Phone	Email	Password	Delete	Update
Banna	1795491355	tahrimabanna@gmail.com	tahrima	Delete	Update

Now it is updated successfully. If we want to delete the data we just click the delete button to delete the data by admin.



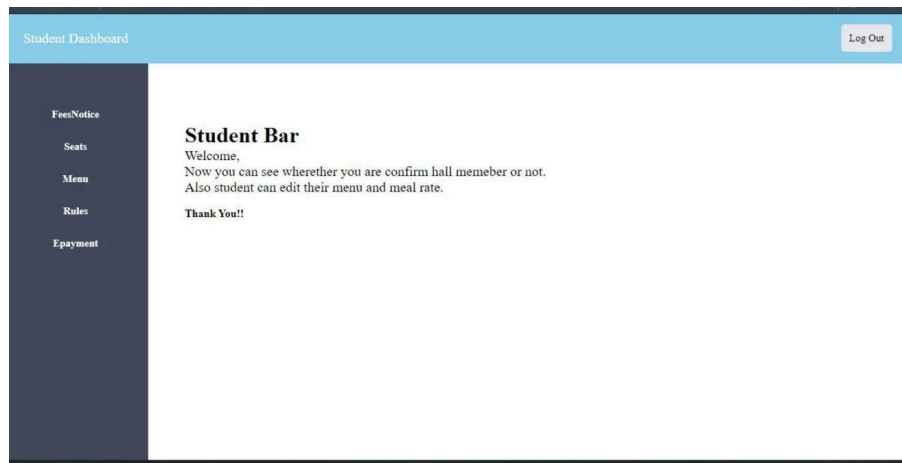
This is our student fees section where teachers can see whose students pay for their hall fee.



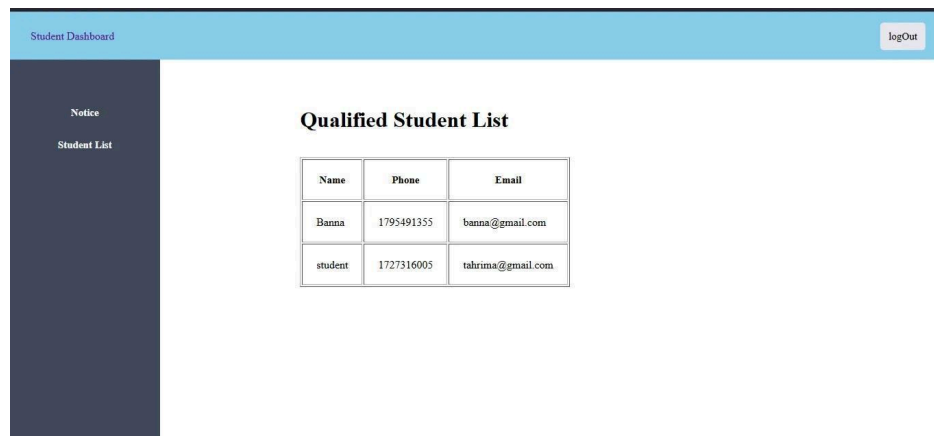
This is our add notice section where teachers add some notice, submit it and accumulate it on our notice board section. And this is all about our login section for the teacher panel.

Now let's go for the next login access system which is for the student panel. In this panel students can see their fees notice, edit their meal menu list, see who are qualified for the seat.

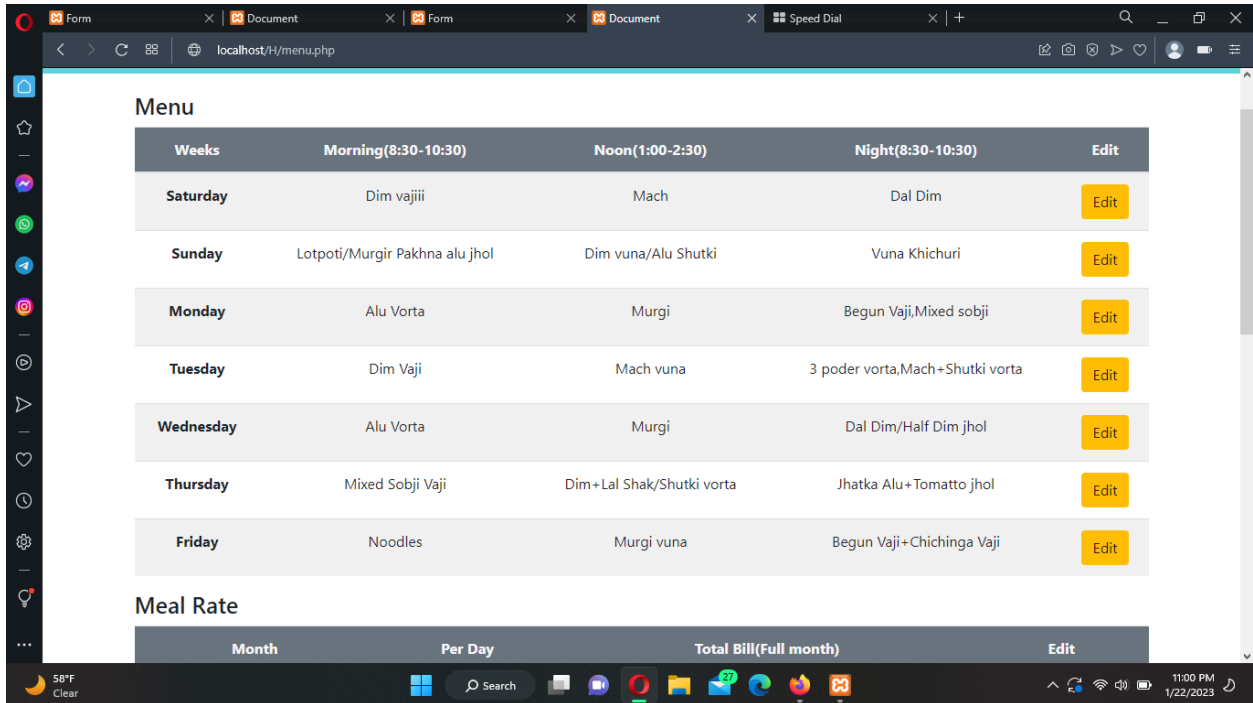
This is our fees notices section where students can see their hall fee notice.



This is the qualified list where students can see whose students have confirmed their seats successfully.



Now let's see the edit section where students can edit their meal list and meal rate.



The screenshot shows a web application interface with a sidebar on the left containing various icons. The main content area is divided into two sections: 'Menu' and 'Meal Rate'.

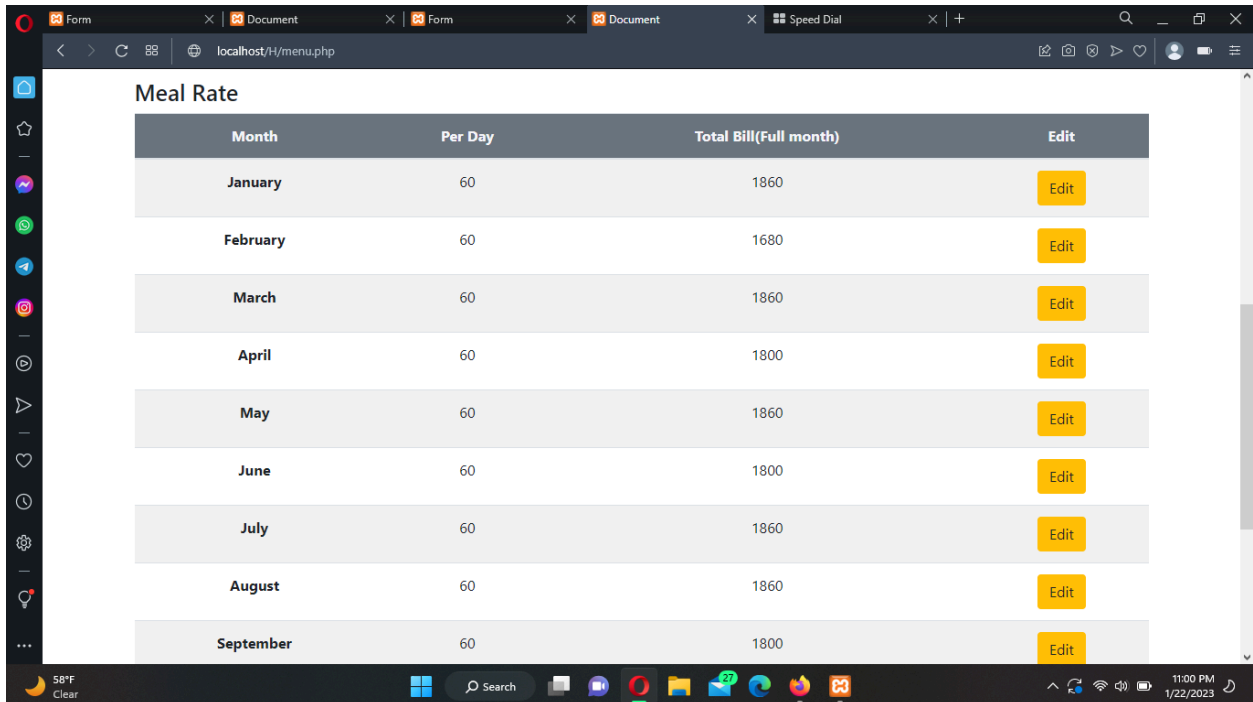
Menu Section:

Weeks	Morning(8:30-10:30)	Noon(1:00-2:30)	Night(8:30-10:30)	Edit
Saturday	Dim vajiii	Mach	Dal Dim	Edit
Sunday	Lotpoti/Murgir Pakhna alu jhol	Dim vuna/Alu Shutki	Vuna Khichuri	Edit
Monday	Alu Vorta	Murgi	Begun Vaji,Mixed sobji	Edit
Tuesday	Dim Vaji	Mach vuna	3 poder vorta,Mach+Shutki vorta	Edit
Wednesday	Alu Vorta	Murgi	Dal Dim/Half Dim jhol	Edit
Thursday	Mixed Sobji Vaji	Dim+Lal Shak/Shutki vorta	Jhatka Alu+Tomatto jhol	Edit
Friday	Noodles	Murgi vuna	Begun Vaji+Chichinga Vaji	Edit

Meal Rate Section:

Month	Per Day	Total Bill(Full month)	Edit
January	60	1860	Edit
February	60	1680	Edit
March	60	1860	Edit
April	60	1800	Edit
May	60	1860	Edit
June	60	1800	Edit
July	60	1860	Edit
August	60	1860	Edit
September	60	1800	Edit

Edit options are given for the menu list.



The screenshot shows the 'Meal Rate' section of the web application. It features a table with monthly meal rates and total bills. The interface includes a sidebar on the left with navigation icons and a Windows taskbar at the bottom.

Meal Rate Section:

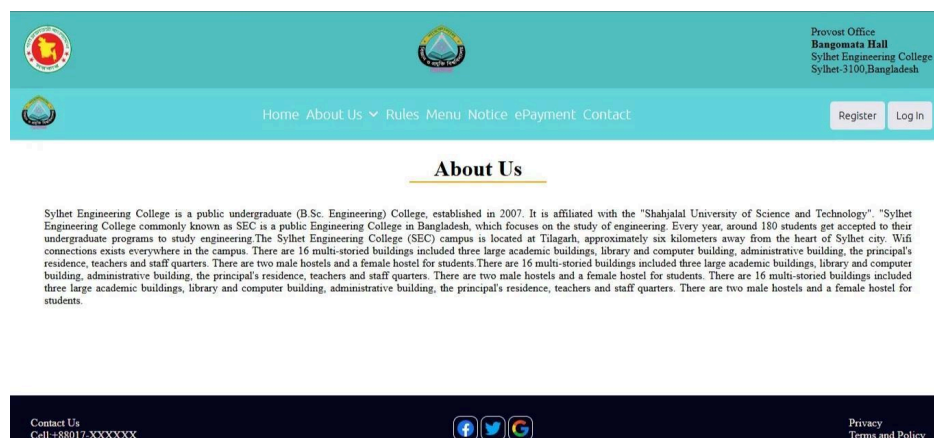
Month	Per Day	Total Bill(Full month)	Edit
January	60	1860	Edit
February	60	1680	Edit
March	60	1860	Edit
April	60	1800	Edit
May	60	1860	Edit
June	60	1800	Edit
July	60	1860	Edit
August	60	1860	Edit
September	60	1800	Edit

You can edit the meal rate for the following month.

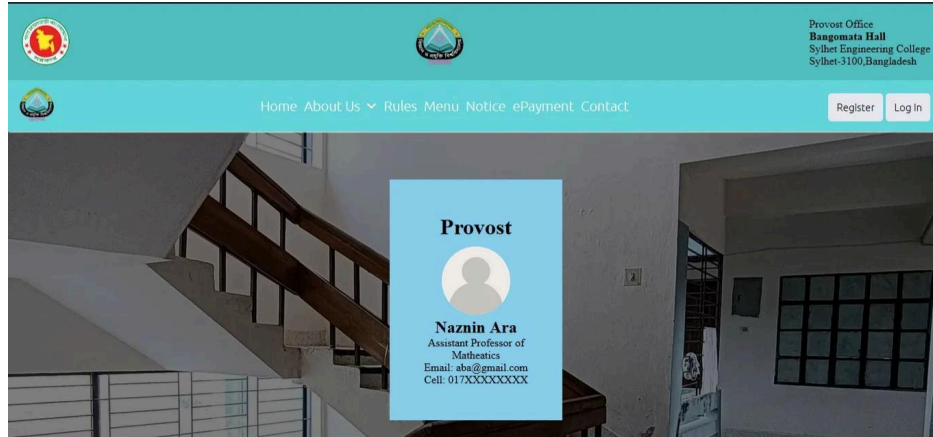
You can update the meal menu section by seeing the following screenshots.

That is all for our multiple login system for admin and student panel. Now let's move on to the next part.

There are 2 parts in the about us section. One is the history details and another is the provost details.

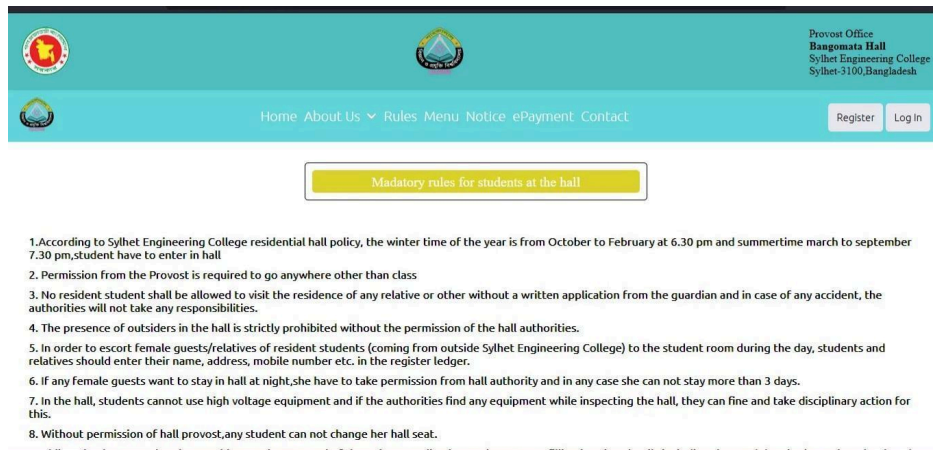


History



Provost Details

Now let's see our rules page.



This is the rules section of our website.

Now let's talk about our menu section where there are 3 parts. One is what kind of meals are here everyday like breakfast, lunch and dinner.

The screenshot shows a web application interface. At the top, there is a navigation bar with links: Home, About Us, Rules, Menu, Notice, ePayment, and Contact. There are also 'Register' and 'Log In' buttons. Below the navigation bar, the 'Menu' section displays a table with columns for Weeks, Morning (8:30-10:30), Noon (1:00-2:30), and Night (8:30-10:30). The table lists meals for each day of the week. Below the menu table, the 'Meal Rate' section displays a table with columns for Month, Per Day, and Total Bill (Full month). The table lists meal rates for each month. At the bottom, there is a 'Rules' section with two rules.

Weeks	Morning(8:30-10:30)	Noon(1:00-2:30)	Night(8:30-10:30)
Saturday	Dim vajiji	Mach	Dal Dim
Sunday	Lotpoti/Murgir Pakhna alu jhol	Dim vuna/Alu Shutki	Vuna Khichuri
Monday	Alu Vorta	Murgi	Begun Vaji,Mixed sobji
Tuesday	Dim Vaji	Mach vuna	3 poder vorta,Mach+Shutki vorta
Wednesday	Alu Vorta	Murgi	Dal Dim/Half Dim jhol
Thursday	Mixed Sobji Vaji	Dim+Lal Shak/Shutki vorta	Jhatka Alu+Tomatto jhol
Friday	Noodles	Murgi vuna	Begun Vaji+Chichinga Vaji

Month	Per Day	Total Bill(Full month)
March	60	1860
April	60	1800
May	60	1860
June	60	1800
July	60	1860
August	60	1860
September	60	1800
October	60	1860
November	60	1800
December	60	1860

Rules

- 1.If someone consumes less than half of the month, then his mail will be treated as guest mail and her meal rate will be count as 65tk per meal.
- 2.Third year's students will be handle the dinning process.

This is the meal menu list of the hall.

March	60	1860
April	60	1800
May	60	1860
June	60	1800
July	60	1860
August	60	1860
September	60	1800
October	60	1860
November	60	1800
December	60	1860

Rules

- 1.If someone consumes less than half of the month, then his mail will be treated as guest mail and her meal rate will be count as 65tk per meal.
- 2.Third year's students will be handle the dinning process.

And this is the meal rate per day and month. There are some rules and regulations which should be followed by all hall students.



Now let's talk about the notice board section where all hall fees,joining of new staff's notice will be provided via link.

Notices


- 1 . Dear students, you must be cleared your hall fee at 05.0.2023
- 2 . Cleared your hall fee before your semester final.
- 3 . Dear students,new staff will be joined soon.

Notices

Now let's talk about the e-payment system. Where students register for the payment of hall.

Provoost Office
Bangomata Hall
Sylhet Engineering College
Sylhet-3100,Bangladesh


[Home](#)
[About Us](#)
[Rules](#)
[Menu](#)
[Notice](#)
[ePayment](#)
[Contact](#)

[Register](#)
[Log In](#)

Registration No

Department

Semester

Name

Mobile

Email

Semester


Name

Enter your name

Mobile

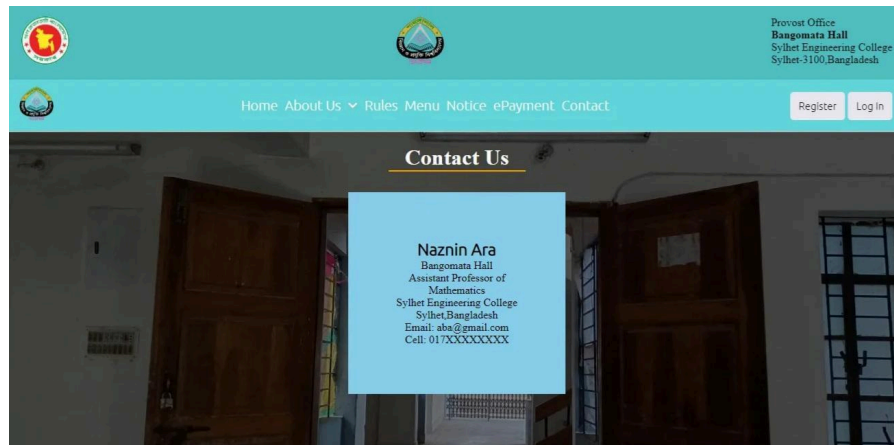
Email

Amount of Payment

Accepted payment method-


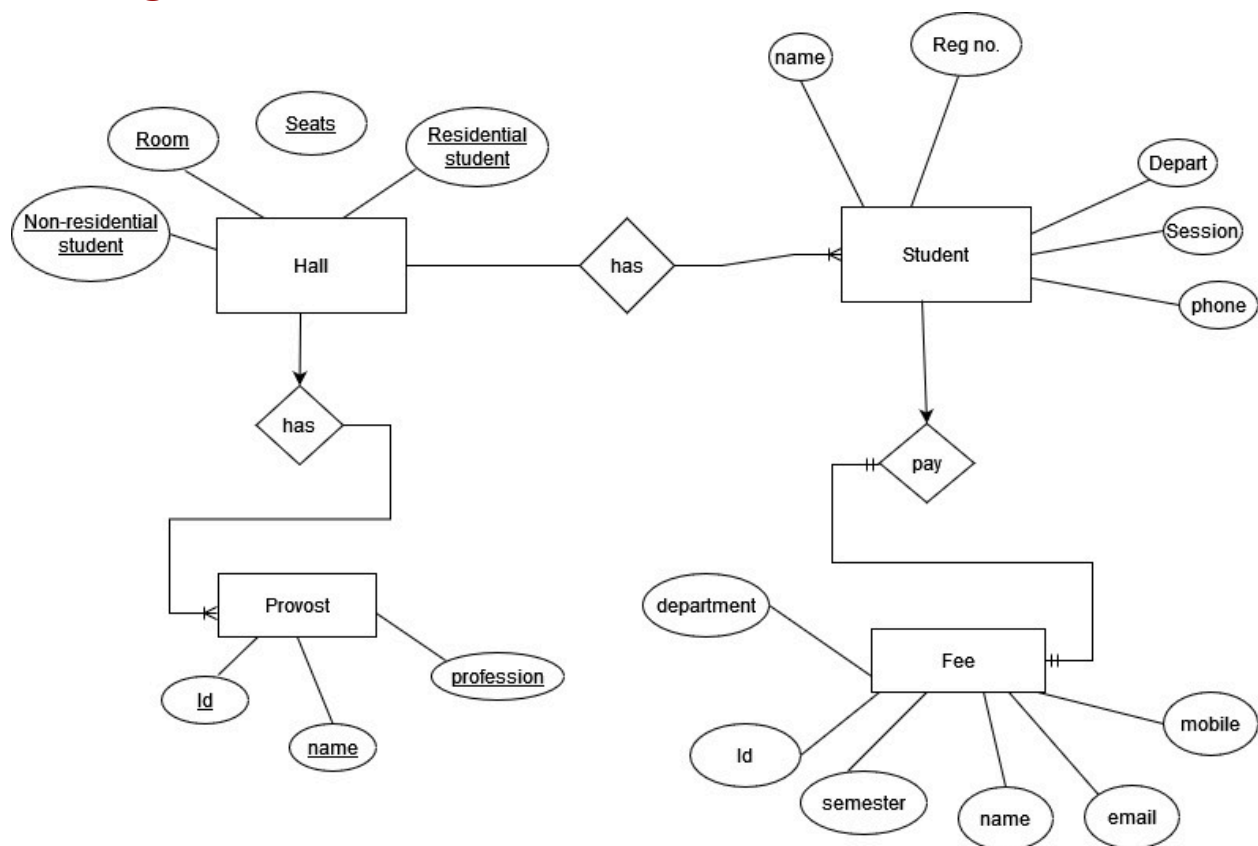
This is our registration form for payment.

Last is the provost contact portion of our website where students can find the details of their provost to contact her in time of need.



Methodology

ER diagram:



This is our ER diagram of Bangomata Hall Official Website of SEC.

Result & Discussion

The resulting website will have the following features:

- Home page will provide a picture of the hall, details of the hall, provost details and hall information.
- In the teacher panel, we can see the admission dashboard where we can see whose people they apply for seats, adding student section, notice and student fee. And in the student panel, students can edit the menu list, meal rate and see their fees notice.
- We get history and provost details from our about us section.
- Rules and regulation will be provided in the rules section where a student should follow these rules.
- We can see the details of meals, meal rate and rules maintained by the meal system in the menu section.
- We can see the notice which is provided via link and see the images.
- We can see a registration form in the E-payment system where students register for a hall fee.
- Contact information of hall information will be provided in the contact section where students can see and contact.

Conclusion and Future work

In the E-payment system, as an account is required for confirmation of E-payment you cannot have any confirmation message from this website. After deployment of our website we need to work with our administration and principal for solving this issue. We have also had a plan for betterment of website layout design and notice board.