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Academic Misconduct Website using PHP, Bootstrap, jQuery & MYSQL

**INTRODUCTION:**

I have developed Academic misconduct website for the SMAGS organization. Basically in this website all the basics activities are done like schedule advisor availability, booking appointments, Cancel appointment, appointment history of the particular student etc.

**Methodology**:

First I have developed the database for the Academic\_miconduct website in mysql database then I have developed the index.php page for both registered users and non-registered user having basic misconduct instruction. Then I have created the login and signup functionality for the students in the website. There are 3 types of the user as follows:  
i)Students.  
ii)Advisor  
iii)Admin  
I have defined all the users roles in the database in the user role table. After that I took the beautiful dashboard template form the internet and customized it for this website. Using this dashboard template I have created 3 different dashboard in dynamic way. And on the basic of the user role the particular dashboard shown.

After that I have developed profile page for user profile upadate. After that I have developed the change password functionality of to the change the user password. I have used md5 password encryption to secure the password. I have used bootstrap and css for the beautiful UI and I have used the Ajax request for rendering data from the backend so I coded all the backend code in data.php file using else if ladder.

After Creating the profile page I have created the Schedule\_availablility page in this I have used the form to send data to the backend. Schedule availability page is only visible in the advisor dashboard. Here advisor will see all his schedule in the datatable advisor search or delete their schedule using this page.   
After Completing the Schedule\_availibility functionality I have created the the book\_appointment page from this page user can book the appointment easily with available schedule and advisor.

After Creating the book appointment page I have created the Appointment history page for the student where student can see their appointment history and search particular record using the datatable functionality. After that I have created the Manage\_appointment page for the advisor where user can manage their appointment and easily search and delete any appointment.  
After Creating the Manage appointment page I have created the users page for the admin where admin can see and delete all the users.After creating the user page I have created the Add user page where admin can add new user in the system. After Creating the Add user page I have created the generate result page where admin can generate all appointment reports between particular dates.

**Working of the system:**

Working of the this website is different for different users, Working of the this website for different users are explained below.

For Student:  
When student comes they will able to see the index page of the website with login button at in navigation bar. Student have to click on the login button to redirect to the sing in page. If student is already signed in the system then student have to fill login details like email and password and click on sign in. If students is not register the they have to click on Register link given in the down side of the sign in page.

After Clicking on the Register link student where students will able to see the registeration from, Student have to fill that form and click on the register button after clicking on register button if student filled all the details correctly then it will give the success popup if not then it will show warning popup with the instruction massage. After successfully registration student will redirect to the sign in page where they fill the login credetional. If the login credtiontials match with login creadetionals in the database then it will show the login successful popup and if not the it will show the error popup.

After Successful Registration user will able to the index page with instruction and Hello massage. With sidebar where user can see the Book Appointment and My History option and on right corner in navigation user able to see their name after they will able to see profile and logout option.If user click on the profile option then it will redirect to the profile page where user able to see 2 section. In the first section user able to see and edit their details that he has filled at time of the registration except email id coz email id is unique and in the second section user able to see the change password option to change the user password.

If student click on the book appointment option then user will redirect to the book appointment page. In book appointment page student will able to see the all available advisor schedule with date and appointment time duration. Student will able to book and particular schedule defined by the advisor. If Student clicks on the my history option then student will redirected to the appointement-history page where student will able to see their appointment and status of the appointment. If student click on the logout then user will logged our from the system.

For Advisor:  
For advisor the login profile and logout page and functionality remains same.  
  
After signing in the advisor profile advisor able to see the Schedule availability and Manage appointment in the sidebar menu. If Advisor clicks on the Schedule Availability option then advisor will redirect to the Schedule availability page. In schedule availability page advisor will able to see the 2 sections in the first section schedule availability form is there in using this form user advisor can schedule their availability and in second section advisor can view the all the scheduled availability of that particular advisor with status in Datatable. Advisor can delete the particular schedule in this page.  
  
If Advisor clicks on Manage appointment option then user redirected to the manage appointment page where Advisor can change status and delete the particular appointment of that particular user.  
  
For Admin:  
For admin the login profile and logout page and functionality remains same.

After signing in the advisor profile advisor able to see the Users,Add User and generate report option in the sidebar menu. If admin clicks on the user option the admin will redirect to users page where admin can see all present students and advisor in different table.  
Admin can delete any student and advisor from this page.If admin Click on the Add user option the admin will redirect to adduser page where admin can add new student and advisor in the system.If admin clicks on generate report option then admin will redirect to the generate reporte page. In the generate report page admin can generate report of the particular dates of the appointments in the datatable.

I have used water fall model to develop whole project.

**Technologies Used:**

The technologies used to develop the project is as follows:

1. PHP 7.3

2. MySQL

3. Apache server

4. Bootstrap 4

5. CSS 5

6.Html 5

7. Sweet alert

8. JavaScript  
9.jQuery

10. Toster  
11.Block UI

**Platform :**

I have used sublime text editor as well as vs code to develop whole the project.

**Code:  
Database Connection Fuctionality:**<?php

$servername = "localhost";

$username = "root";

$password="";

$dbname="academic\_misconduct\_db";

try{

$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);

// $conn->setAttribute(PDO::ATTR\_ERRMODE, PDO::ERRMODE\_EXCEPTION);

} catch (PDOException $e) {

echo "Connection failed: " . $e->getMessage();

}

?>  
above code creat the table database connection with PDO method.

**User Logged In functionality:**

if (isset($\_SESSION['id'])) {

$sid=$\_SESSION['id'];

$sql="SELECT \* FROM `users` WHERE id='$sid'";

$result=$conn->query($sql);

if($result)

{

$row3=$result->fetchALL();

// print\_r($row3);

}

// else{

// echo 'hi';

// }

//

}

The above code snippet checks whether a user is an logged in or not. This code works by checking if the variable “id” has been set in the session. This is only set when a user has logged in. If so, then the user can access the page otherwise the user is directed to login.

**Session Functionality:**

if(isset($\_SESSION["admin"]))

{

header("location:index.php");

}

The above code snippet check wheather admin is already logging or not. This code work by checking if the variable “id” has been set in the session. If the variable is set then user already logged in and can be redirected to the Dashboard page if not then it will doesn’t redirect to the singin.php page.

**Logout Functionality:**

session\_start();

unset($\_SESSION["admin"]);

header("location:index.php");

In the above code snippet the when user click on logout button then the session will unset and user will redirected to the index.php page.

Checking user\_role functionality:

if (isset($\_SESSION['id'])) {

$sid=$\_SESSION['id'];

$sql="SELECT \* FROM `users` Where id='$sid'";

$result1=$conn->query($sql);

if($result1)

$row3=$result1->fetchALL();

// if($row3['payment\_status']==0)

// header("Location: ./../pay.php");

$dirname=$\_SERVER['PHP\_SELF'];

}

else{

header("Location: ./../login.php");

}

<?php if($row3[0]['user\_role']==1)

{ ?>

the above code snippet check signed in user functionality. On the basis of the user role dashboard will shown for the particular user .

**Schedule availability functionality:**

<?php

$user\_id=$\_POST['user\_id'];

$date=$\_POST['date'];

$start\_time=$\_POST['start\_time'];

$end\_time=$\_POST['end\_time'];

// $data=["user\_id"=>$user\_id,"date"=>$date,"st"=>$start\_time,"et"=>$end\_time];

if (!empty($date) && !empty($start\_time) && !empty($end\_time) && !empty($user\_id))

{

$check\_sql="SELECT \* FROM `advisor\_schedule` WHERE schedule\_date='$date' AND user\_id='$user\_id' AND (start\_time <= '$start\_time' AND start\_time <= '$end\_time' AND end\_time >= '$start\_time' AND end\_time >= '$end\_time' OR (start\_time BETWEEN '$start\_time' AND '$end\_time' OR end\_time BETWEEN '$start\_time' AND '$end\_time')) AND status!='cancelled'";

$check\_result=$conn->query($check\_sql);

if($check\_result)

{

$row=$check\_result->rowCount();

if($row>0)

$data = array("success" => 3);

else

{

$sql="INSERT INTO `advisor\_schedule`(`user\_id`, `schedule\_date`, `start\_time`, `end\_time`) VALUES ('$user\_id','$date','$start\_time','$end\_time')";

$result = $conn->query($sql);

if($result){

// $count=$result->rowCount();

$data = array("success" => 1);

}

else{

$data = array("success" => 0);

}

}

}

else{

$data = array("success" => 0);

}

}

else{

$data = array("success" => 2);

}

?>

Above code snippet schedule the availability of the advisor on the basis of the data provided by the advisor at the time of the schedule availability form submission.

**Register user functionality:**

<?php

$name=$\_POST['name'];

$university=$\_POST['cname'];

$email=$\_POST['mail'];

$mobile=$\_POST['mobile'];

$pass=$\_POST['pass'];

$cpass=$\_POST['cpass'];

$user\_role=$\_POST['user\_role'];

$date=date("Y-m-d H:i:s");

if($pass==$cpass){

$npass=md5($pass);

if(!empty($name) && !empty($university) && !empty($email) && !empty($mobile)){

$checkemail="SELECT count(\*) FROM `users` WHERE email=? AND status='1'";

// $result=$checkemail->execute(array($email));

// $result1=$result->fetchALL();

$result1 = $conn->query($checkemail);

if($result1){

$data= array("success" => 3);

}

else{

$insertsql=$conn->prepare("INSERT INTO `users`(`name`, `email`, `mobile`, `university\_name`, `user\_role`, `password`) VALUES (?,?,?,?,?,?)");

if($insertsql->execute(array($name,$email,$mobile,$university,$user\_role,$npass)))

{

$data= array("success" => 1);

}

else{

$data= array("success" => 0);

}

}

}

else

$data = array("success" => 2);

}

else

$data = array("success" => 4);

?>

Above code snippest register the particular user in the system on the basis of the data provided by the user at the time of the submitting register form.if email id exits in the system then it will show the erroe and if not the then it will register that particular user in the system

**Sign in functionality:**

<?php

$email=$\_POST['mail'];

$pass=$\_POST['pass'];

if(!empty($email) && !empty($pass)){

$npass=md5($pass);

$sql="SELECT \* FROM `users` Where email='$email' AND password='$npass' AND status='1'";

$result=$conn->query($sql);

if($result){

if($result->rowCount()>0)

{

$row=$result->fetchALL();

$\_SESSION['id'] = $row[0]['id'];

$data= array("success" => 1);

}

else

{

$data= array("success" => 0);

}

}

else{

$data= array("success" => 0);

}

}

else

$data = array("success" => 2);

?>

Above code snippest sign in the particular user in the system on the basis of the data provided by the user at the time of the submitting sign in form.if credential matches it will login that particular user in the system if not then it shows error.

**Fetch Advisor schedule functionality:**

<?php

$sql="SELECT \* FROM `advisor\_schedule` WHERE user\_id=".$\_SESSION['id'];

$result=$conn->query($sql);

if($result)

{

$rows = $result->fetchAll();

$i=1;

foreach($rows as $row) {

$data['data'][] = array($i,$row['schedule\_date'],$row['start\_time'],$row['end\_time'],$row['status'],$row['schedule\_id']);

$i=$i+1;

}

}

else{

$data['data'][]=[];

}

?>

Above code snippest fetches the advisor schedule of that particular advisor form the advisor schedule table and shows all the schedule in the advisor schedule page in the datatable.  
**Fetch available appointment functionality:**

<?php

$sql="SELECT a.\*,u.name FROM `advisor\_schedule` AS a INNER join `users` AS u ON u.id=a.user\_id WHERE a.status='available'";

$result=$conn->query($sql);

if($result)

{

$rows = $result->fetchAll();

$i=1;

foreach($rows as $row) {

$data['data'][] = array($i,$row['schedule\_date'],$row['start\_time'],$row['end\_time'],$row['name'],$row['schedule\_id']);

$i=$i+1;

}

}

else{

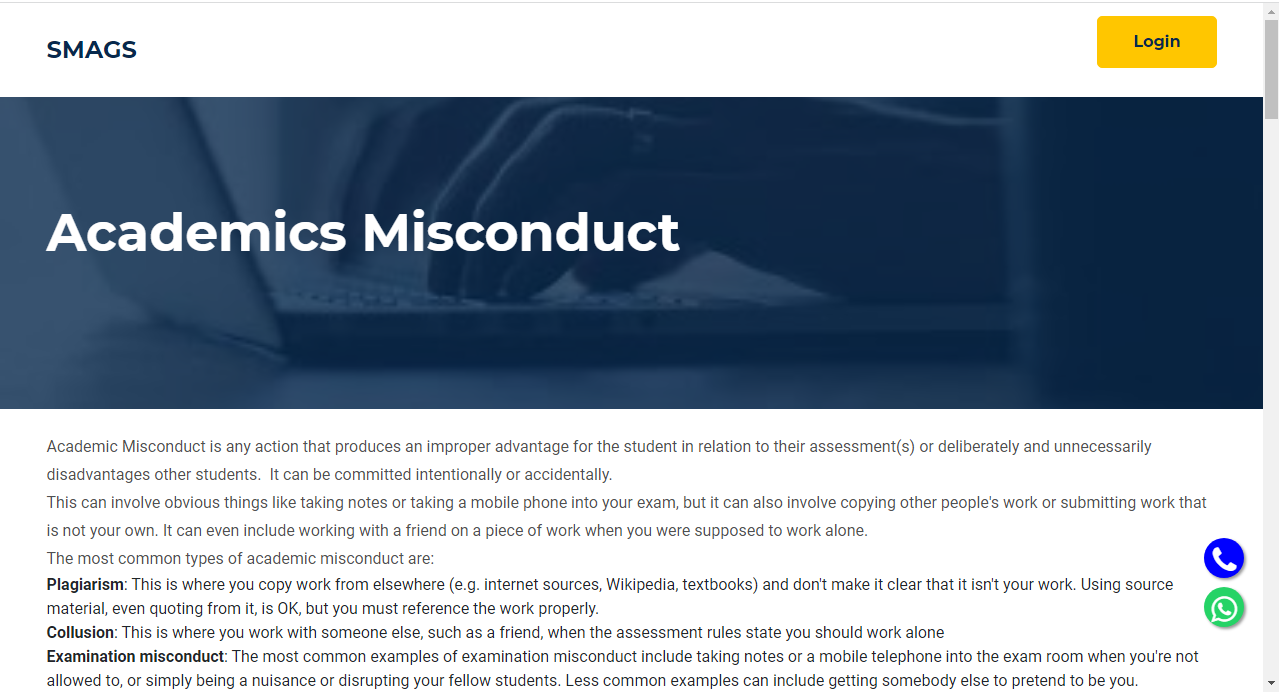
$data['data'][]=[];

}  
?>

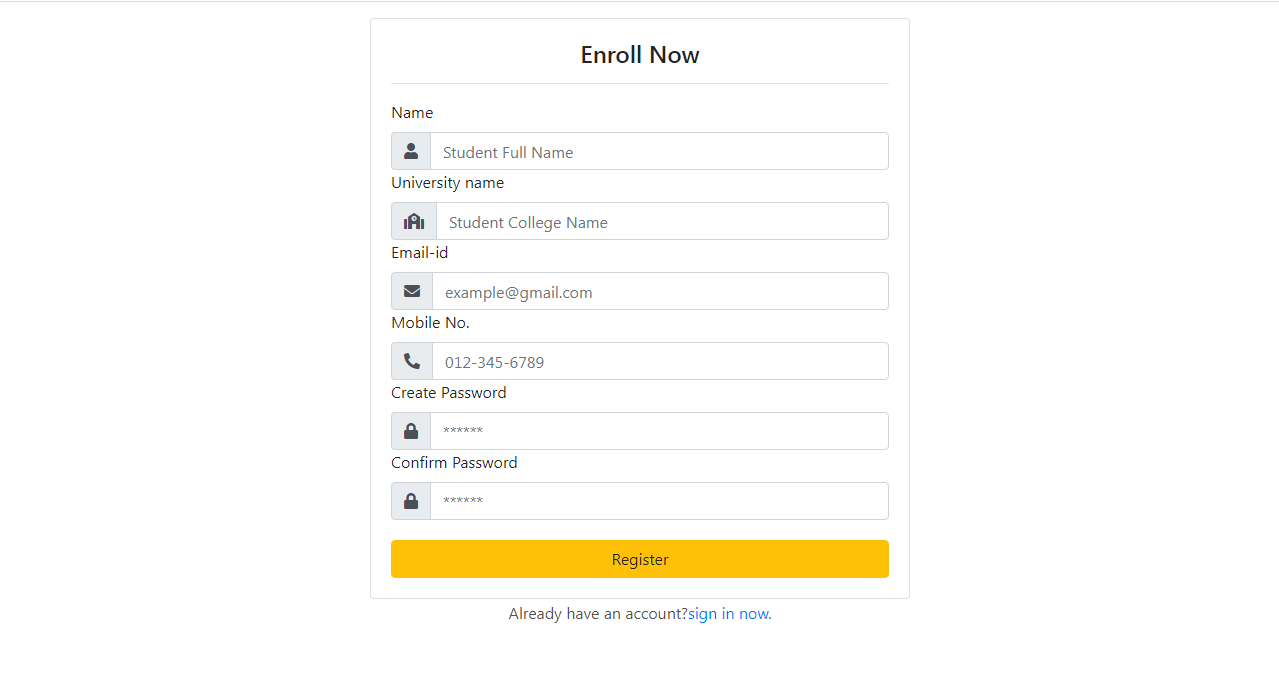
Above code snippest fetches the all available schedule form the advisor schedule table and shows all the schedule in the book appointment page in datatable page in the datatable.

**Output:**

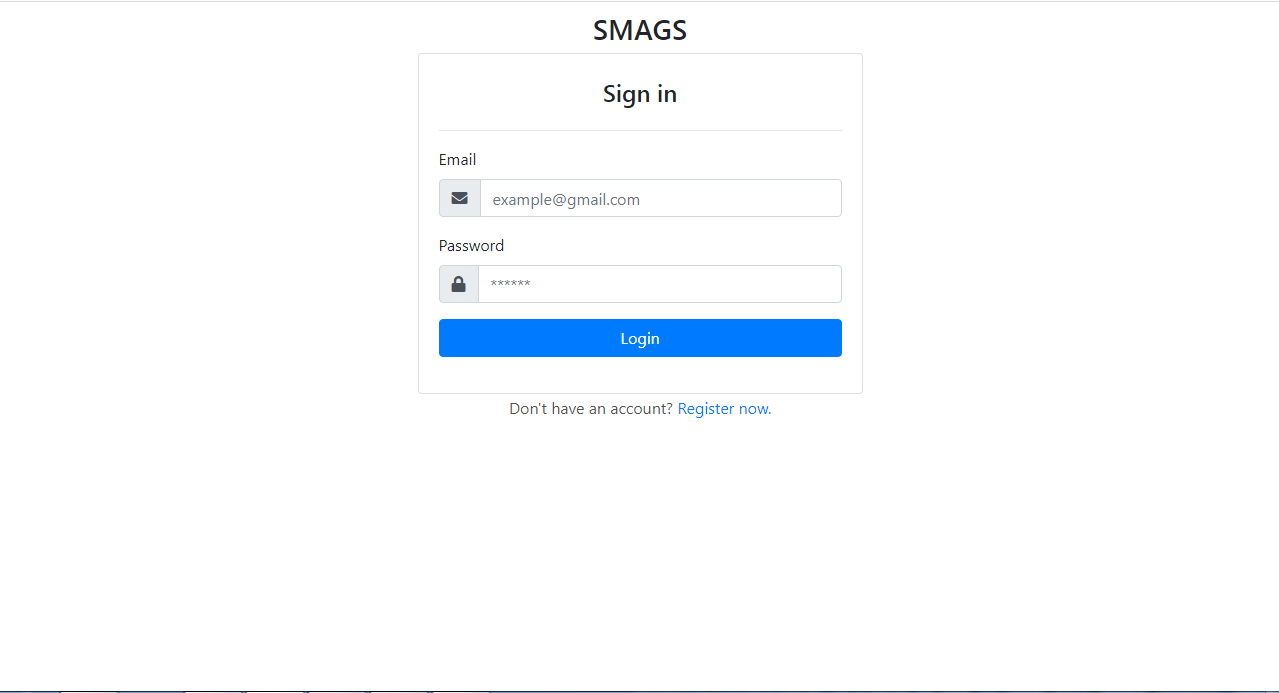
Index page before login or sign up.



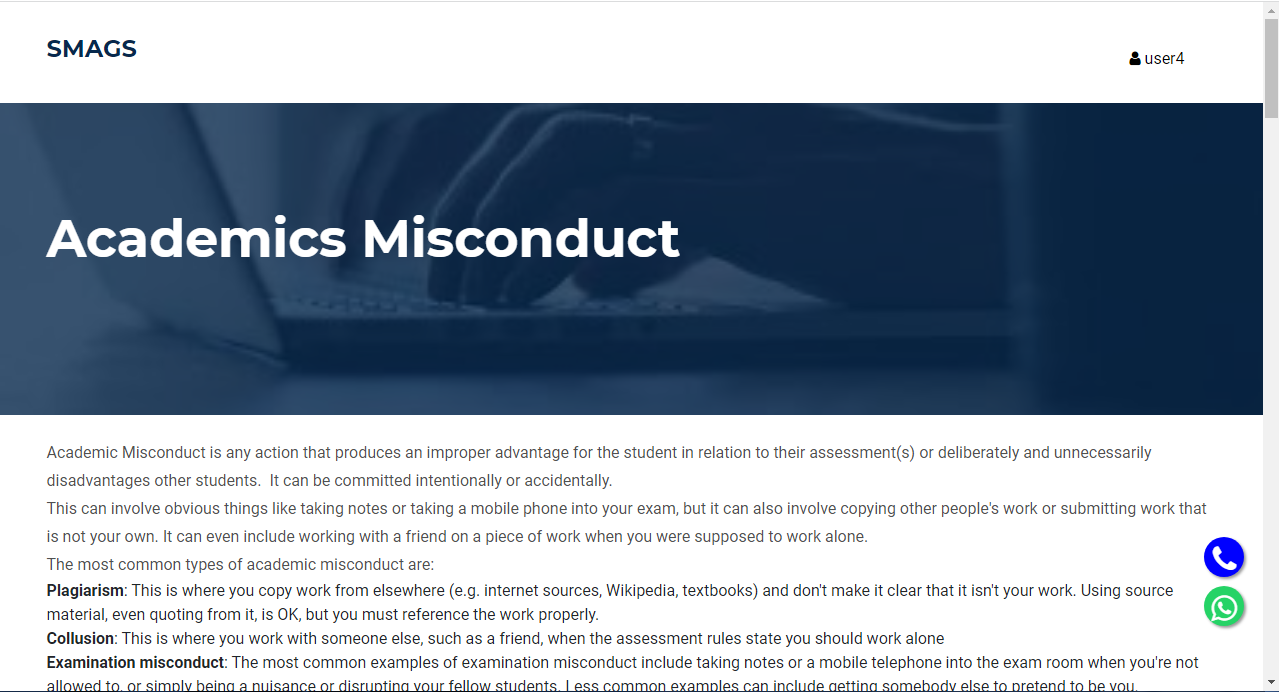
Sign up page



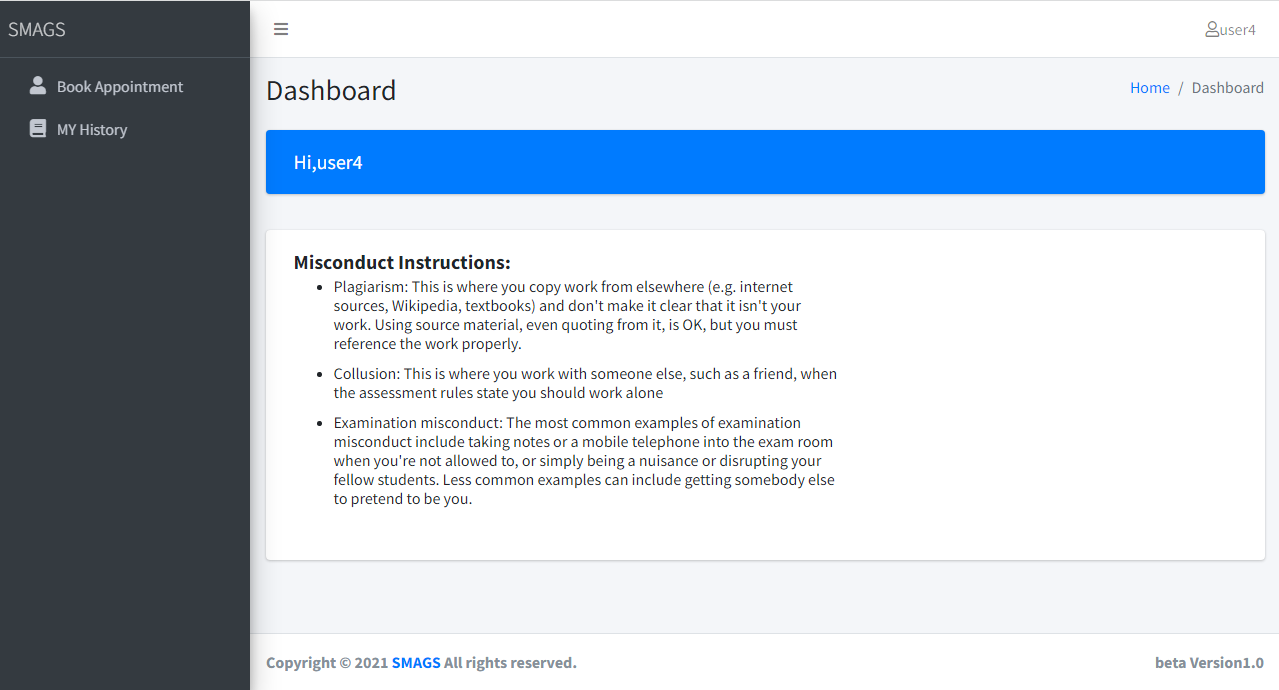
Sign in page



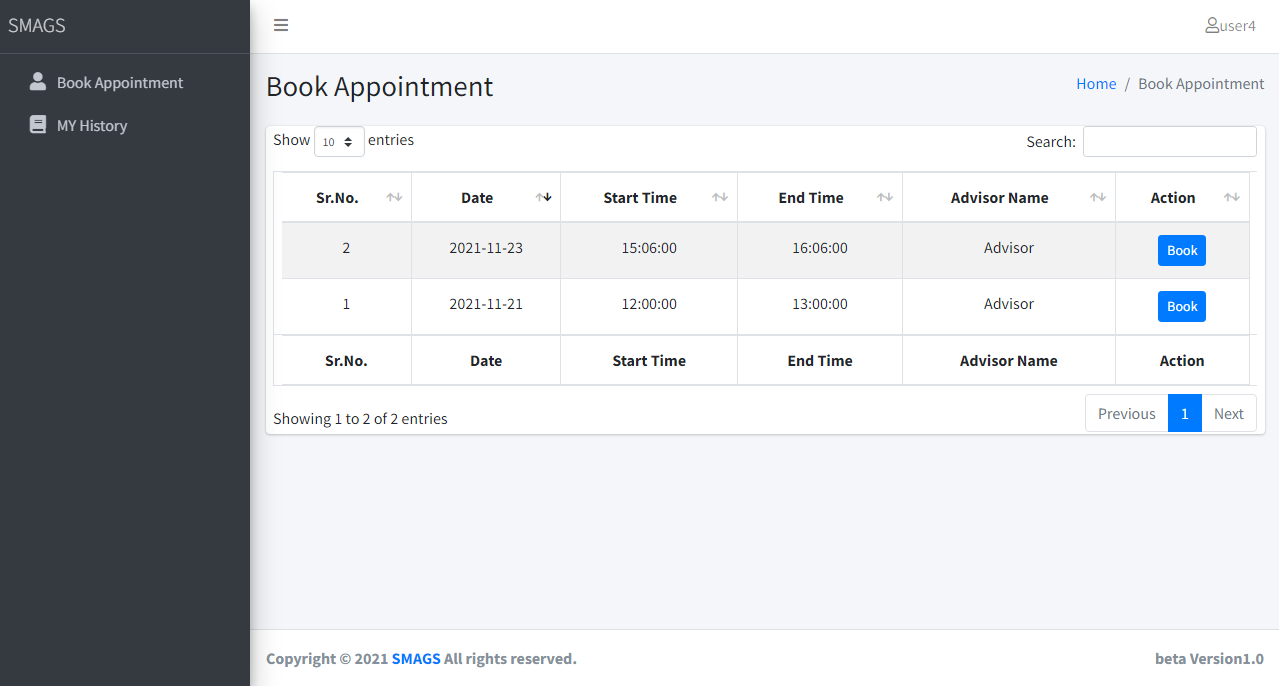
Index page after login



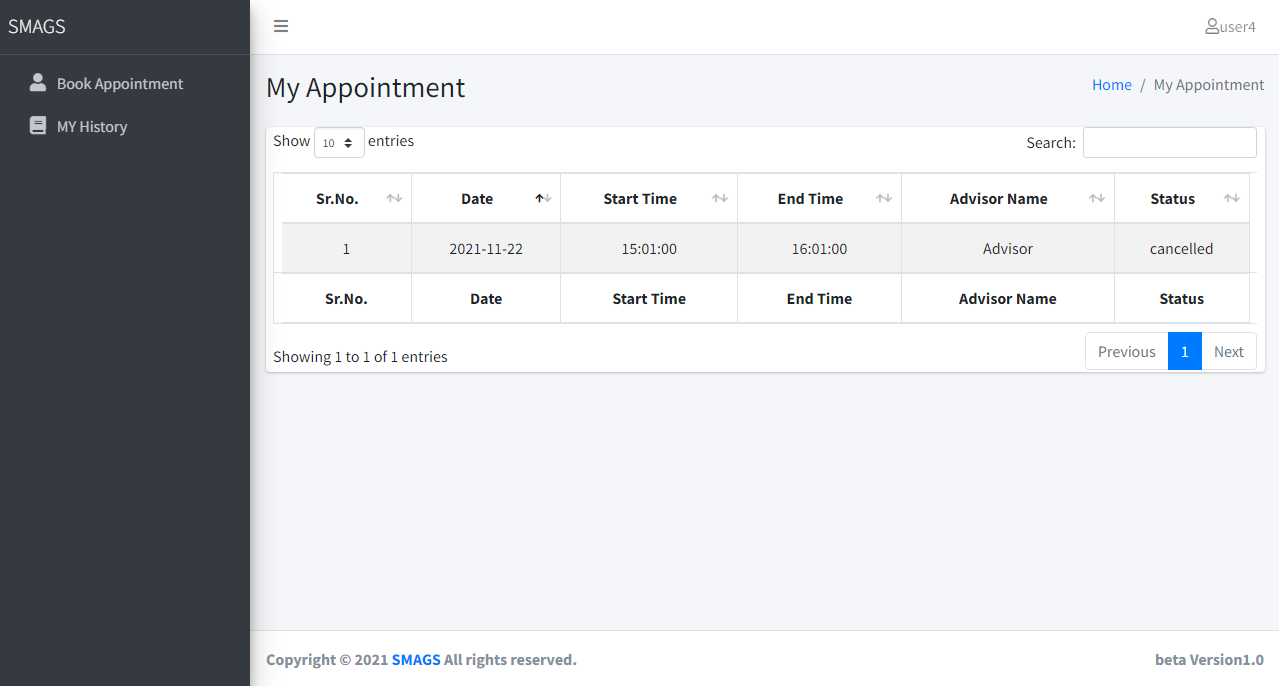
Students dashboard index page:



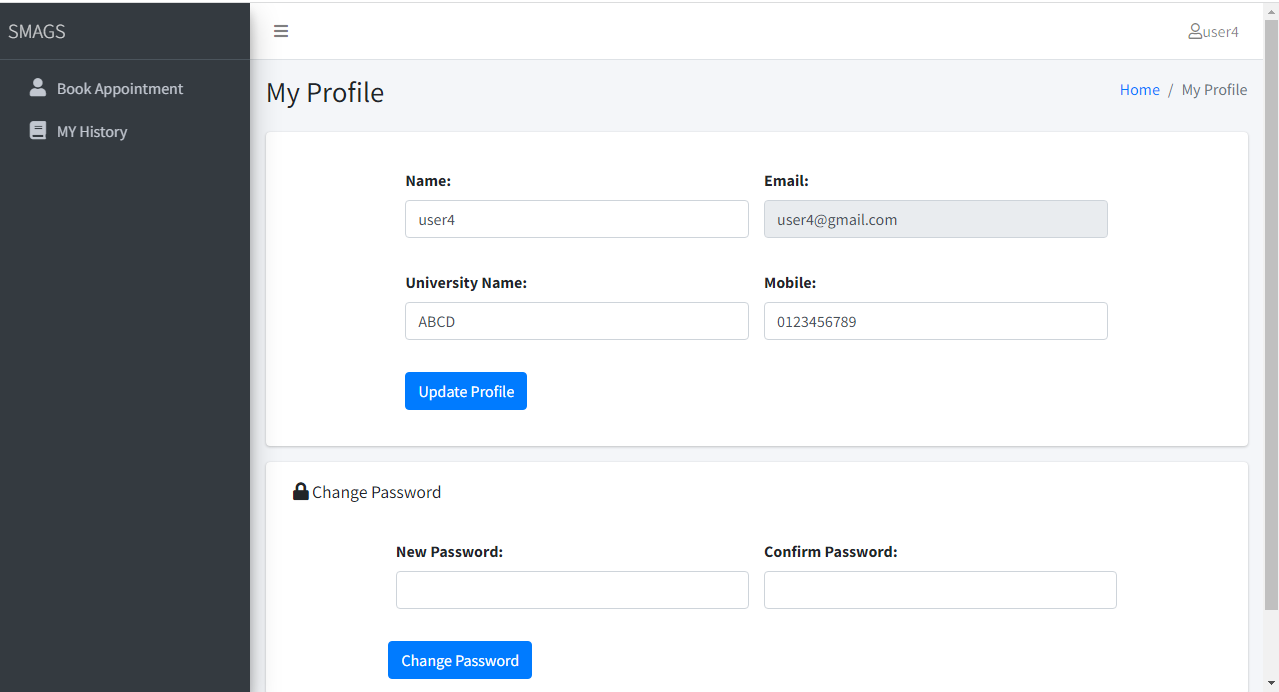
Book appointment page



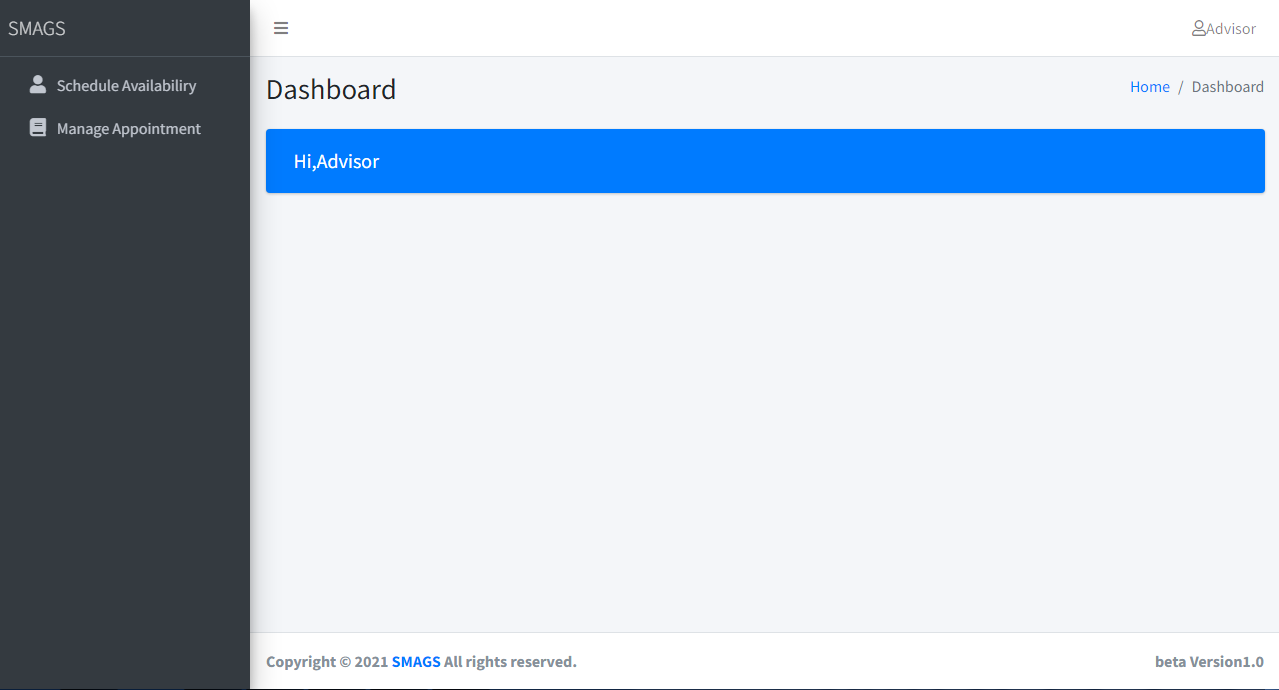
My history page:



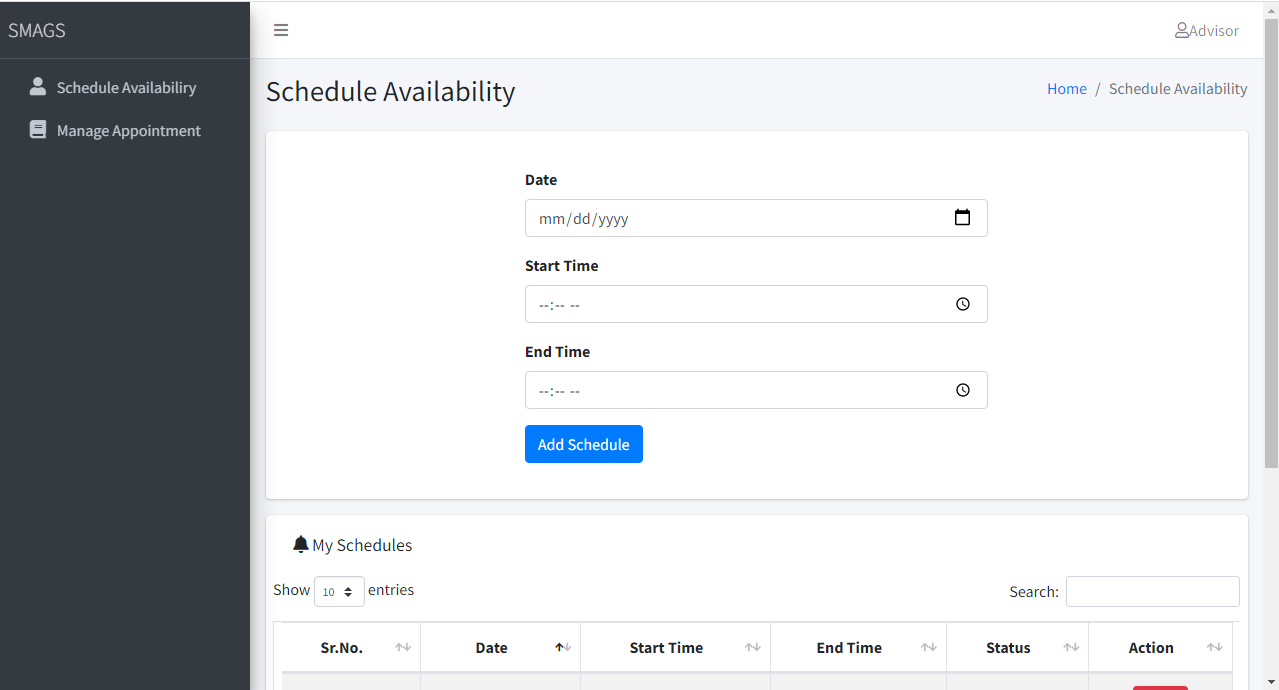
My profile page



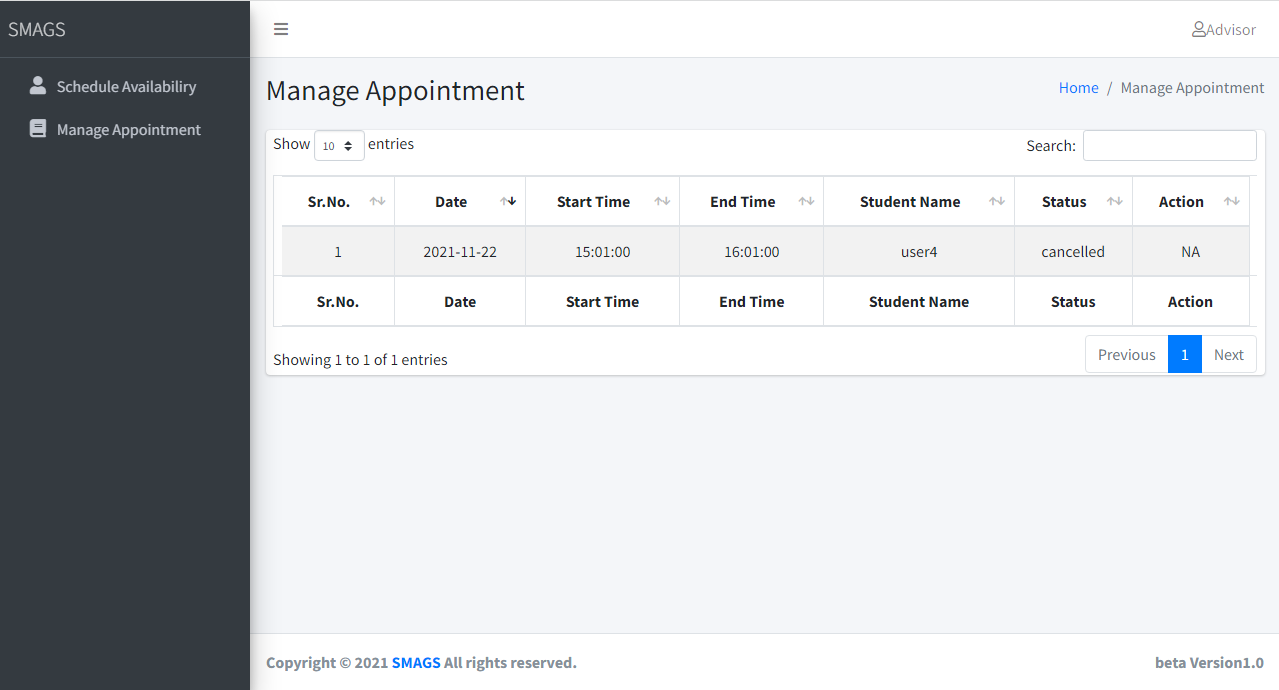
Advisor Dashboard Index page

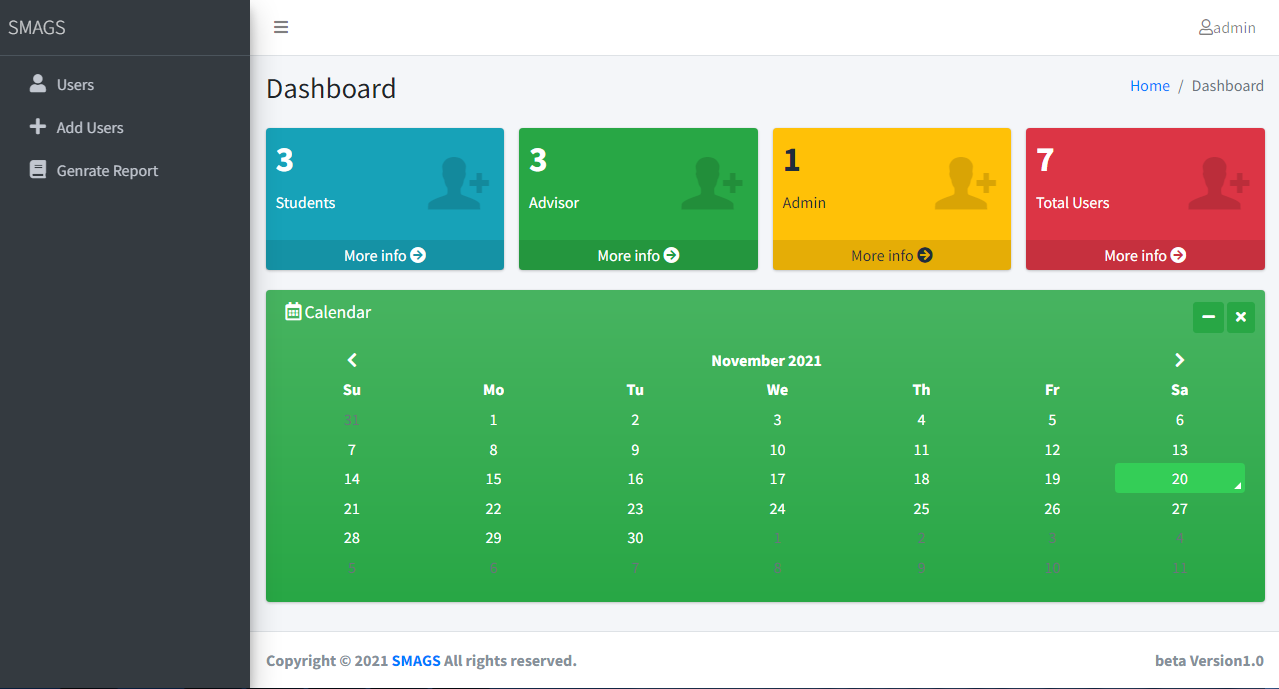


Schedule Availability page

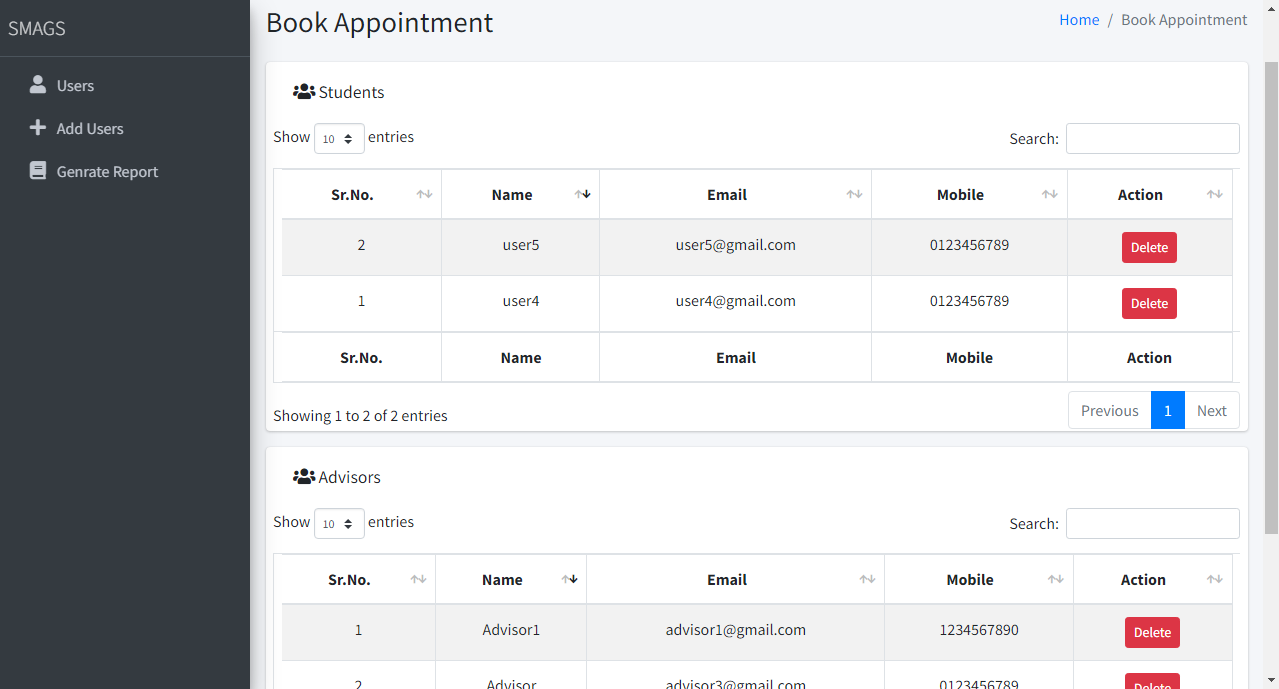


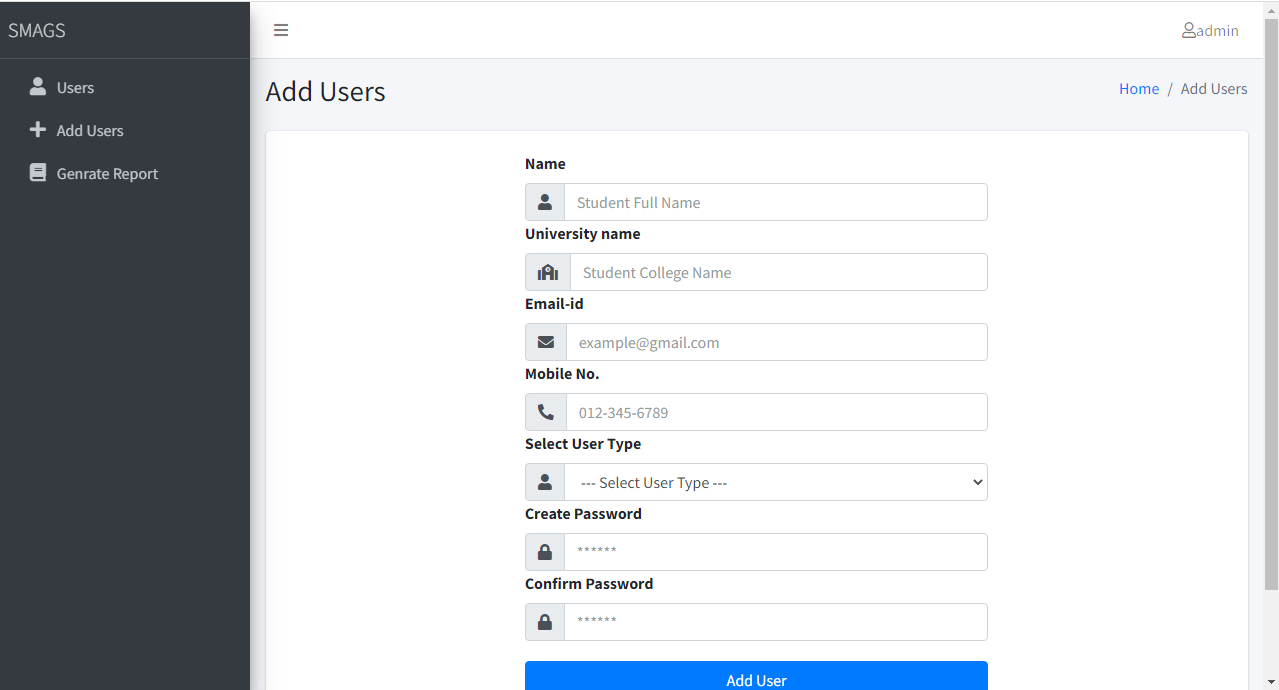
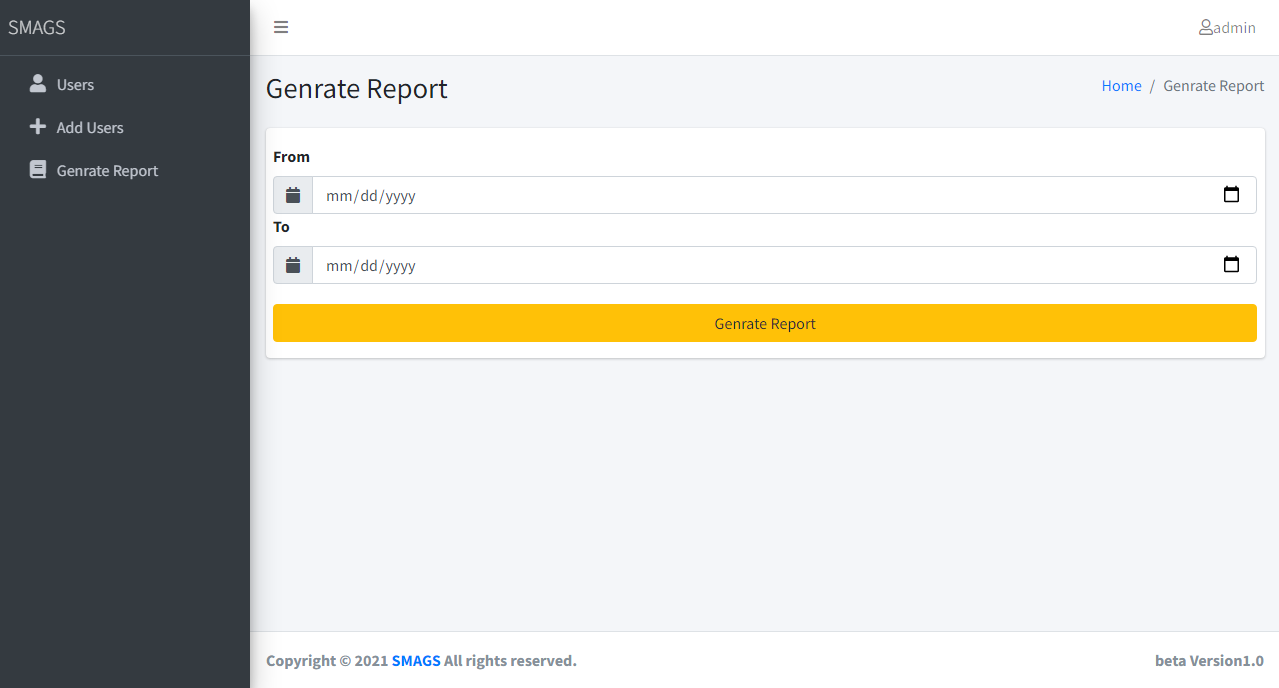
Manage Appointment Page:



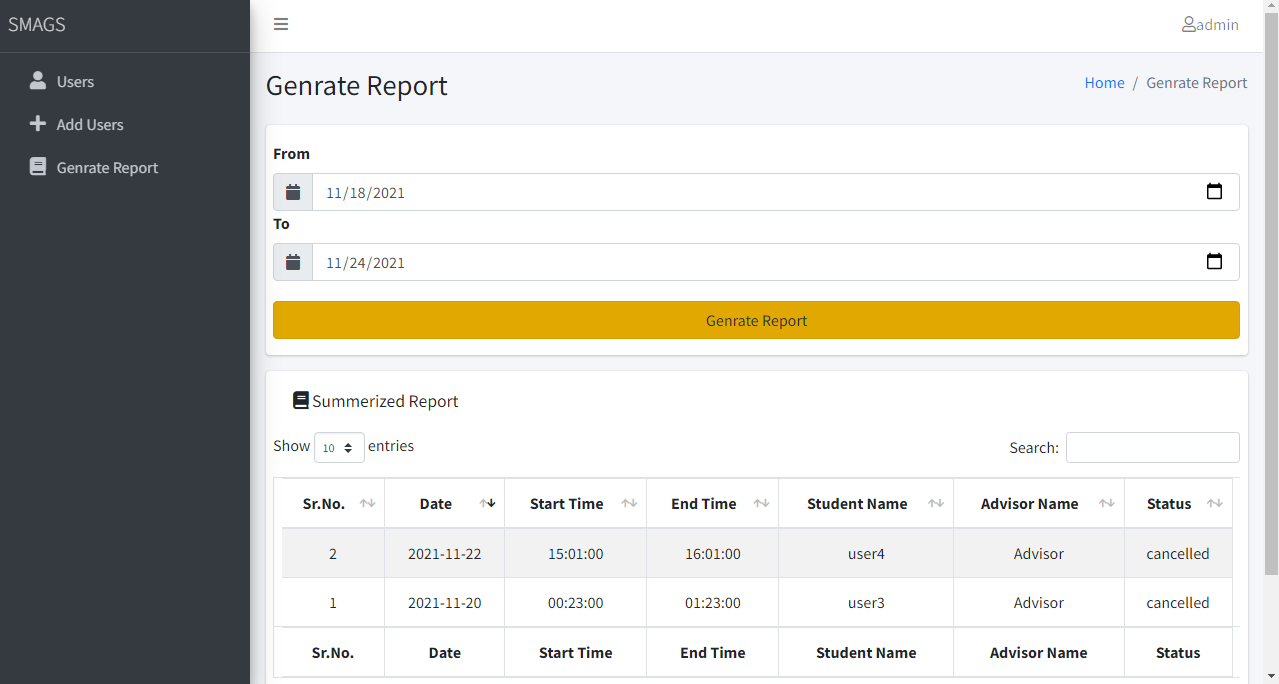
Admin Dashboard Index page:  
  


Users page:



Add User Page:  
  
  
  
  
  
Generate report page before generating report:  
  


Generate report page after generating report:



Conclusion:

We can book and schedule the appointment using this related academic misconduct system.

Reference:

[https://www.google.com](http://www.google.com/)

[https://www.w3school.com](http://www.w3school.com/)

[https://www.jehangirhospital.com/](https://www.jehangirhospital.com/%20)   
<https://www.practo.com/>