Student Management Information System

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Batch C

Subject: Web Technology

Laravel Philosophy

Laravel is a web application framework with expressive, elegant syntax. We believe development must be an enjoyable, creative experience to be truly fulfilling. Laravel attempts to take the pain out of development by easing common tasks used in the majority of web projects, such as authentication, routing, sessions, and caching.

Laravel aims to make the development process a pleasing one for the developer without sacrificing application functionality. Happy developers make the best code. To this end, we've attempted to combine the very best of what we have seen in other web frameworks, including frameworks implemented in other languages, such as Ruby on Rails, ASP.NET MVC, and Sinatra.

Laravel is accessible, yet powerful, providing powerful tools needed for large, robust applications. A superb inversion of control container, expressive migration system, and tightly integrated unit testing support give you the tools you need to build any application with which you are tasked.

Basic Routing

Most of the routes for your application will be defined in the app/routes.php file. The simplest Laravel routes consist of a URI and a Closure callback.

Basic GET Route

```
Route::get('/', function()

{
    return 'Hello World';
});
```

Basic POST Route

```
Route::post('foo/bar', function()

{
    return 'Hello World';
});
```

Registering A Route For Multiple Verbs

```
Route::match(array('GET', 'POST'), '/', function()

{
    return 'Hello World';
});
```

Basic Controllers

Instead of defining all of your route-level logic in a single routes.php file, you may wish to organize this behavior using Controller classes. Controllers can group related route logic into a class, as well as take advantage of more advanced framework features such as automatic dependency injection.

Controllers are typically stored in the app/controllers directory, and this directory is registered in the classmap option of your composer.json file by default. However, controllers can technically live in any directory or any sub-directory. Route declarations are not dependent on the location of the controller class file on disk. So, as long as Composer knows how to autoload the controller class, it may be placed anywhere you wish.

Here is an example of a basic controller class:

```
class UserController extends BaseController {

/**

* Show the profile for the given user.

*/

public function showProfile($id)

{

$user = User::find($id);

return View::make('user.profile', array('user' => $user));

}
```

All controllers should extend the BaseController class. The BaseController is also stored in the app/controllers directory, and may be used as a place to put shared controller logic. The BaseController extends the framework's Controller class. Now, we can route to this controller action like so:

Route::get('user/{id}', 'UserController@showProfile');

If you choose to nest or organize your controller using PHP namespaces, simply use the fully qualified class name when defining the route:

Route::get('foo', 'Namespace\FooController@method');

Note: Since we're using <u>Composer</u> to auto-load our PHP classes, controllers may live anywhere on the file system, as long as composer knows how to load them. The controller directory does not enforce any folder structure for your application. Routing to controllers is entirely decoupled from the file system.

You may also specify names on controller routes:

Route::get('foo', array('uses' => 'FooController@method', 'as' => 'name'));

To generate a URL to a controller action, you may use the URL::action method or the action helper method:

\$url = URL::action('FooController@method');

\$url = action('FooController@method');

Code:

Add-attendance.php

```
<?php
session_start ();
if (! (isset ( $_SESSION ['login'] ))) {
    header ( 'location:../index.php' );
if(isset($_POST['submit'])){
    $obj=new AppController();
>addAttendance($_POST['sname'],$_POST['lectures_attended'],$_POST['total_lectu
res']);
<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="utf-8">
            <meta http-equiv="X-UA-Compatible" content="IE=edge">
                <meta name="viewport" content="width=device-width, initial-</pre>
scale=1">
                     <meta name="description" content="">
                         <meta name="author" content="">
                             <title>add attendance</title>
                             <!-- Bootstrap Core CSS -->
                             <link href="../bower_components/bootstrap/dist/css">
/bootstrap.min.css"
    rel="stylesheet">
                                         <!-- Custom Fonts -->
                                         <link href="../bower_components/font-</pre>
awesome/css/font-awesome.min.css" rel="stylesheet" type="text/css">
                                         </head>
                                         <body>
                                              <form method="post" >
                                                  <div >
                                                      <!-- Navigation -->
                                                      <?php include('leftbar.php</pre>
')?>;
                                                      <div id="page-wrapper">
```

```
<div class="row">
                                                             <div class="col-
lg-12">
                                                                 <h4 class="pag
e-header">
                                                                     <?php echo
 strtoupper("welcome"." ".htmlentities($_SESSION['login']));?>
                                                             </div>
                                                             <!-- /.col-lg-12 -
                                                         </div>
                                                         <div class="row">
                                                             <div class="col-
lg-12">
                                                                 <div class="pa
nel panel-default">
                                                                     <div class
="panel-heading">Add Attendance</div>
                                                                     <div class
="panel-body">
                                                                          <div c
lass="row">
iv class="col-lg-10">
  <div class="form-group">
      <div class="col-lg-4">
          <label>Student Name
              <span id="" style="font-size:11px;color:red">*</span>
          </label>
      </div>
      <div class="col-lg-6">
          <input class="form-</pre>
control" name="sname" id="cshort" required="required" >
          </div>
  </div>
```

```
<div class="form-group">
                       <div class="col-lg-4">
                           <label>Lectures Attended
                               <span id="" style="font-</pre>
size:11px;color:red">*</span>
                           </label>
                       </div>
                       <div class="col-lg-6">
                           <input class="form-</pre>
control" type="number" name="lectures_attended" id="cfull" required="required"
                           </div>
                       </div>
                       <br>
                           <br>
                               <div class="form-group">
                                   <div class="col-lg-4">
                                        <label>Total Lectures</label>
                                   </div>
                                   <div class="col-lg-6">
                                        <input class="form-control"</pre>
                                              name="total_lectures"
                                              type="number">
```

```
</div>
                                  </div>
                              </div>
                                      <div class="form-group">
                                          <div class="col-lg-4"></div>
                                          <div class="col-lg-6">
                                              <br>
                                                  <br>
                                                      <input type="submit" cla</pre>
ss="btn btn-primary" name="submit" value="Add Attendance">
                                                      </button>
                                                  </div>
                                              </div>
                                          </div>
                                      </div>
                                  </div>
                              </div>
                          </div>
                      </div>
                  </div>
             </div>
```

View-attendance.php

```
<?php
session_start ();
if (! (isset ( $_SESSION ['login'] ))) {
    header ( 'location:../index.php' );
    $obj=new AppController();
    $rs=$obj->showAttendance();
?>
<!DOCTYPE html>
<html lang="en">
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <meta name="description" content="">
    <meta name="author" content="">
    <title>View Attendance</title>
    <link href="../bower_components/bootstrap/dist/css/bootstrap.min.css" rel=</pre>
"stylesheet">
```

```
<link href="../bower_components/font-awesome/css/font-</pre>
awesome.min.css" rel="stylesheet" type="text/css">
</head>
<body>
   <div id="wrapper">
    <?php include('leftbar.php')?>;
        <nav>
       <div id="page-wrapper">
           <div class="row">
               <div class="col-lg-12">
                  <h4 class="page-
header"> <?php echo strtoupper("welcome"." ".htmlentities($_SESSION['login']))</pre>
;?></h4>
               </div>
               <!-- /.col-lg-12 -->
           </div>
           <div class="row">
               <div class="col-lg-12">
                   <div class="panel panel-default">
                      <div class="panel-heading">
                          Attendance List
                      </div>
                      <!-- /.panel-heading -->
                      <div class="panel-body">
                          <div class="dataTable_wrapper">
                              <table class="table table-striped table-
bordered table-hover" >
                                     SNo
                                         Student Name
                                         Lectures Attended
                                         Total Lectures
                                         Attendance
                                         Status
                                     </thead>
```

```
<?php
                                     $sn=1;
                                 while($res=$rs->fetch_object()){
                           <?php echo $sn?>
                           <?php echo htmlentities( strtoupper($res-
>s_name));?>
      <?php echo htmlentities(strtoupper($res-
>lectures_attended));?>
     <?php echo htmlentities($res->total lectures);?>
     <?php echo htmlentities(strtoupper($res->lectures_attended/$res-
>total_lectures * 100));?>%
      <?php
          if (($res->lectures_attended/$res->total_lectures * 100)<75)</pre>
             echo htmlentities('DEFAULTER');
          else
             echo htmlentities('--');
             ?>
                                    <?php $sn++;}?>
                                </div>
                         <!-- /.table-responsive -->
                     </div>
                     <!-- /.panel-body -->
                  </div>
                  <!-- /.panel -->
              <!-- /.col-lg-12 -->
          </div>
```

App-controller.php

```
else{
          DB::insert('insert into courses(`cshort`,`cfull`,`cdate`)values(?,?,
                        [$cshort,$cfull,$cdate]);
                echo "<script>alert('Course Added Successfully')</script>";
                //header('location:login.php');
function showCourse(){
         $courses = DB::select('SELECT * FROM courses');
        return view('view-courses',['courses' => $courses]);
    function showSubject(){
$courses = DB::select('SELECT * FROM subject');
return view('view-subject',['subjects' => $subjects]);
    function create_subject($cshort,$cfull,$sub1,$sub2,$sub3){
    if($cshort==""){
echo "<script>alert('Select Course Short Name')</script>";
else if($cfull==""){
echo "<script>alert('Select Course Full Name')</script>";
else{
   DB::insert('insert into subject(cshort,cfull,sub1,sub2,sub3)values(?,?,?,?
,?)',
                    [$cshort,$cfull,$sub1,$sub2,$sub3]);
    echo "<script>alert('Subjects Added Successfully')</script>";
function showStudents(){
$students = DB::select('SELECT * FROM s1');
return view('view',['students' => $students]);
```

```
function showStudentsPersonal(){
$students personal = DB::select('SELECT * FROM s2');
return view('view',['students_personal' => $students_personal]);
function showStudentsContact(){
    $students_contact = DB::select('SELECT * FROM s3');
return view('view',['students_contact' => $students_contact]);
function showAttendance(){
   $attendance = DB::select('SELECT * FROM attendance ');
    return view('attendance',['attendance' => $attendance]);
    function showExaminationResults(){
       $examination = DB::select('SELECT * FROM examination ');
       return view('examination',['examination' => $examination]);
function addExamination($sname,$marks_scored,$total_marks){
   DB::insert('insert into attendance(s_name, lectures_attended,total_lectur
es)
   values(?,?,?)',[$sname,$lectures_attended,$total_lectures]);
    echo "<script>alert('Attendance Added Successfully')</script>";
function addAttendance($sname,$lectures_attended,$total_lectures){
    DB::insert('insert into attendance(s_name, lectures_attended,total_lectur
es)
                values(?,?,?)',[$sname,$lectures_attended,$total_lectures]);
    echo "<script>alert('Attendance Added Successfully')</script>";
                                 //header('location:login.php');
    function r1($course,$subject,$fname,$lname,$gender,$income,$fees_paid,$cat
    $ph,$mobNo,$email,$state,$city,$padd,$board1,$roll1,
   $pyear1,$session)
```

```
$regNo = rand();
DB::insert('insert into s1(course, subject, fname, lname, fees_paid, email, regN)

values (?,?,?,?,?,?)', [$course, $subject, $fname, $lname, $fees_paid

,$email, $regNo]);
DB::insert('insert into s2(fname, lname, gender, category, ph, income)
values (?,?,?,?,?)', [$fname, $lname, $gender, $category, $ph, $income]);
DB::insert('insert into s3(fname, lname, mobNo, $tate, city, padd)
values (?,?,?,?,?)', [$fname, $lname, $mobNo, $tate, $city, $padd]);
echo "<script>alert('Successfully Registered , your students number is $regNo')</script>";
}
```

Controller.php

```
<?php

namespace App\Http\Controllers;

use Illuminate\Foundation\Auth\Access\AuthorizesRequests;
use Illuminate\Foundation\Bus\DispatchesJobs;
use Illuminate\Foundation\Validation\ValidatesRequests;
use Illuminate\Routing\Controller as BaseController;

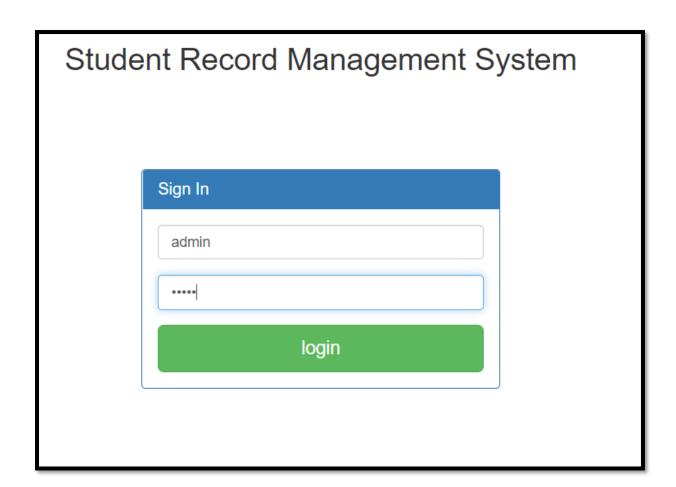
class Controller extends BaseController
{
    use AuthorizesRequests, DispatchesJobs, ValidatesRequests;
}
</pre>
```

Roots

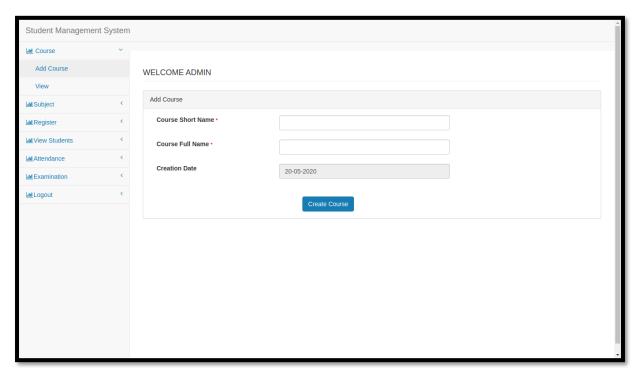
web.php

```
Web Routes
 Here is where you can register web routes for your application. These
 routes are loaded by the RouteServiceProvider within a group which
 contains the "web" middleware group. Now create something great!
Route::get('/add_attendance.php', function () {
    return view('add_attendance');
});
Route::get('/add_examination.php', function () {
    return view('add_examination');
});
Route::get('/add-course.php', function () {
    return view('add-course');
});
Route::get('/add-subject.php', function () {
    return view('add-subject');
});
Route::get('/examination.php', function () {
    return view('examination');
});
Route::get('/login.php', function () {
    return view('login');
});
Route::get('/register.php', function () {
    return view('register');
});
Route::get('/view_contact.php', function () {
    return view('view_contact');
});
Route::get('/view_personal.php', function () {
    return view('view_personal');
});
Route::get('/view-course.php', function () {
    return view('view-course');
});
Route::get('/view-subject.php', function () {
    return view('view-subject');
});
Route::get('/view.php', function () {
    return view('view');
});
Route::get('/attendance.php', function () {
    return view('attendance');
```

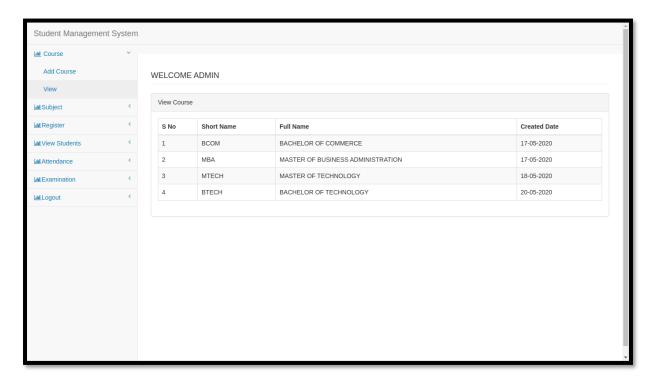
Code: $\underline{https://drive.google.com/open?id=1yBa6Nd049Wx892TXF31JqbcBTmUe3x0Q}$ **Screenshot:** Login page: Student Record Management System Sign In Login Id Password login



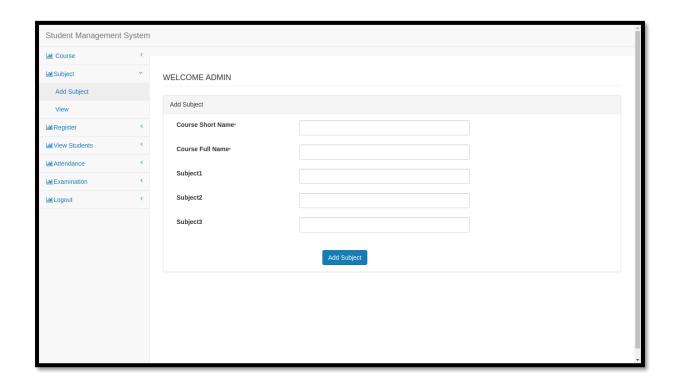
Add Course: Teacher add courses in curriculum.



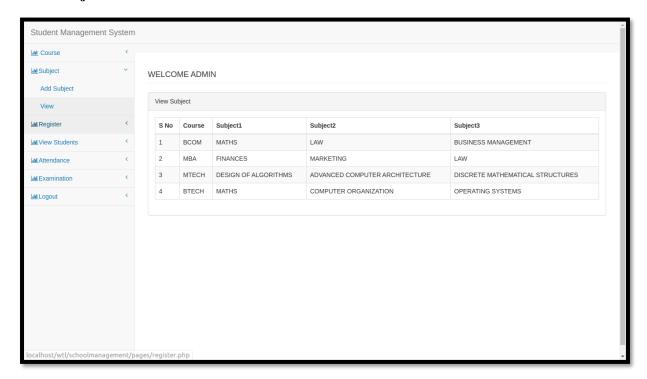
View Course:



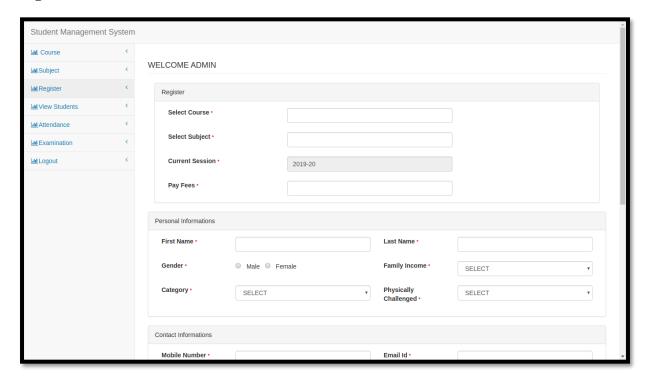
Add Subject: Teacher add subject depending upon course

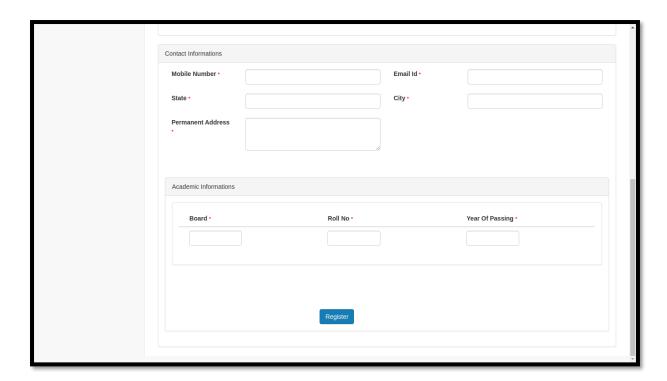


View Subject:

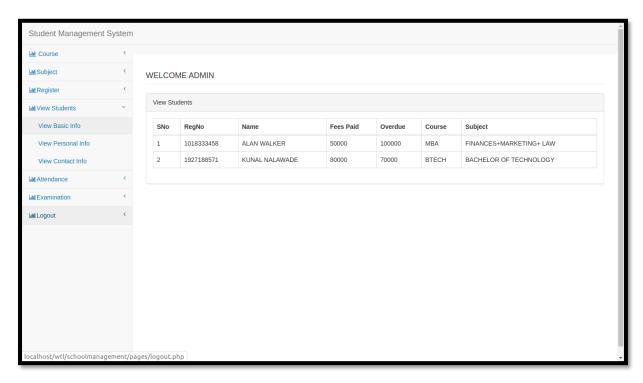


Register: Student Details

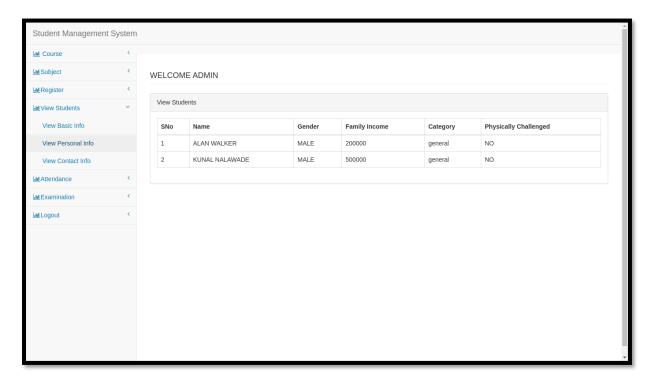




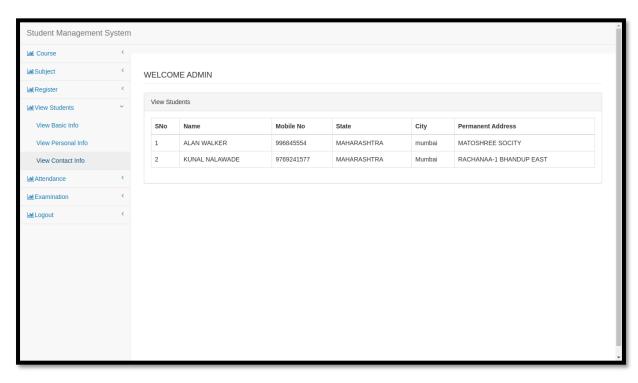
Basic Info about student



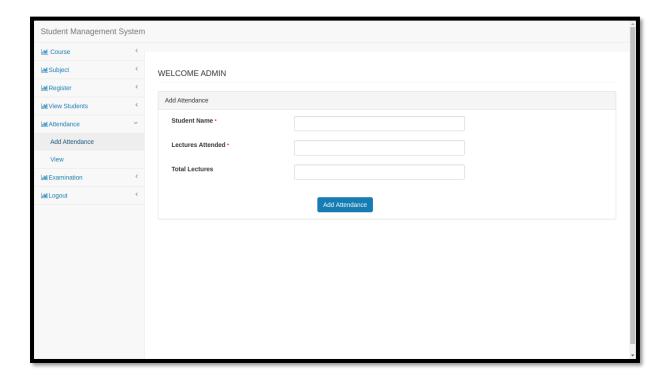
Personal Info



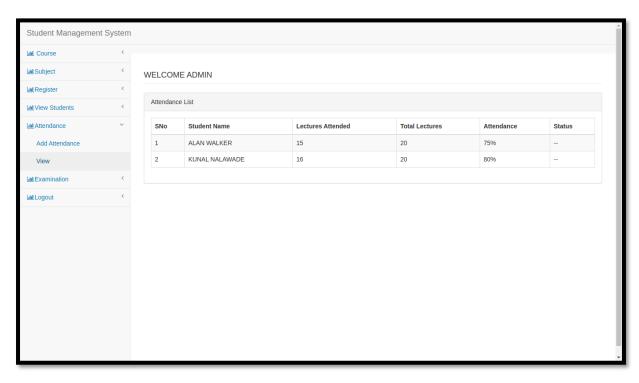
Contact Info



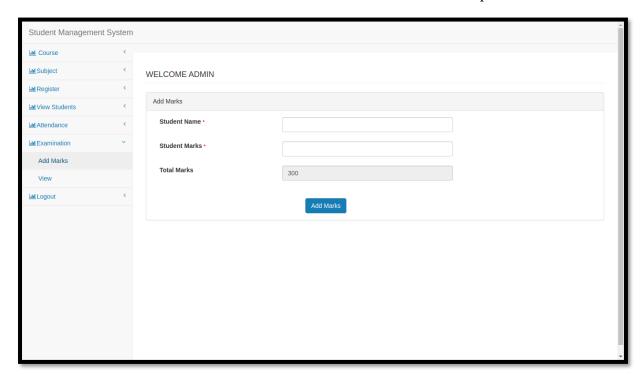
Add Attendance: Respective teacher can add attendance.



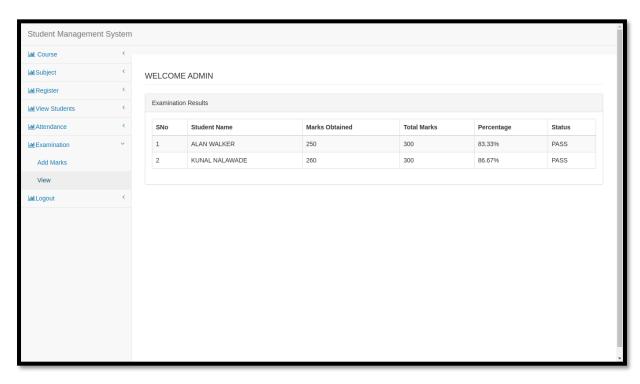
View Attendance:



Add Marks: Teacher added marks to vies status of student whether it is pass or fail.

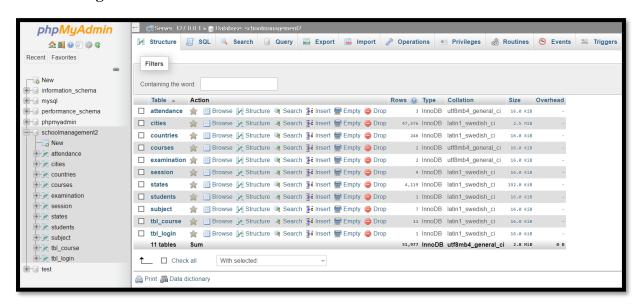


View Marks:



Database:

Schoolmanagement2



Attendance:



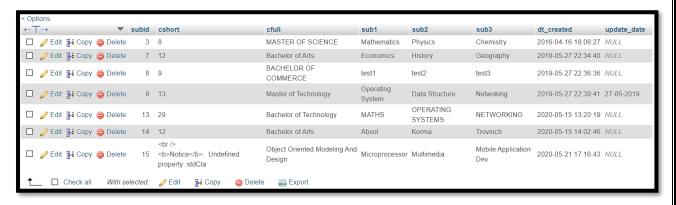
Marks:



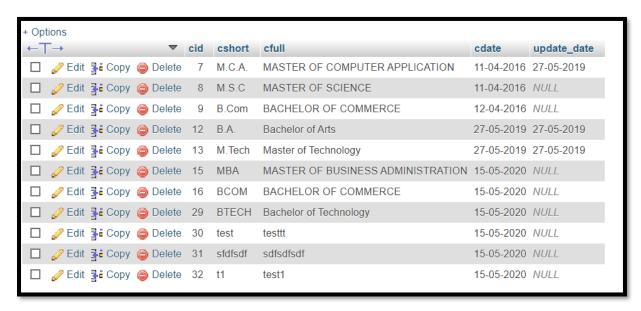
Login:



Add Subject:



Courses:



Conclusion: Thus, we successfully complete project on Student management information system.