CHAPTER 9

Coding

1. MAIN MODULE CLASS (ODLMS)

1.1. Index Page

```php
<?php require_once('./config.php'); ?>
 <!DOCTYPE html>
<html lang="en" class="" style="height: auto;">
<?php require_once('inc/header.php') ?>
  <body class="sidebar-mini layout-fixed control-sidebar-slide-open
layout-navbar-fixed sidebar-mini-md sidebar-mini-xs" data-new-gr-
c-s-check-loaded="14.991.0" data-gr-ext-installed="" style="height:
auto;">
   <div class="wrapper">
    <?php require_once('inc/topBarNav.php') ?>
    <?php require_once('inc/navigation.php') ?>
    <?php if($_settings->chk_flashdata('success')): ?>
    <script>
      alert_toast("<?php echo $_settings->flashdata('success')
?>",'success')
    </script>
    <?php endif;?>
    <?php $page = isset($_GET['page']) ? $_GET['page'] : 'home';
?>
    <!-- Content Wrapper. Contains page content -->
    <div class="content-wrapper pt-3" style="min-height:
567.854px;">

      <!-- Main content -->
      <section class="content ">
        <div class="container-fluid">
```

```php
<?php
 if(!file_exists($page.".php") && !is_dir($page)){
    include '404.html';
  }else{
   if(is_dir($page))
    include $page.'/index.php';
   else
    include $page.'.php';

  }
?>
```
        </div>
      </section>
      <!-- /.content -->
  <div class="modal fade" id="confirm_modal" role='dialog'>
   <div class="modal-dialog modal-md modal-dialog-centered
rounded-0" role="document">
    <div class="modal-content">
     <div class="modal-header">
     <h5 class="modal-title">Confirmation</h5>
    </div>
    <div class="modal-body">
     <div id="delete_content"></div>
    </div>
    <div class="modal-footer">
     <button type="button" class="btn btn-primary btn-flat"
id='confirm' onclick="">Continue</button>
     <button type="button" class="btn btn-secondary btn-flat" data-
dismiss="modal">Close</button>
    </div>
    </div>
   </div>
  </div>
  <div class="modal fade rounded-0" id="uni_modal" role='dialog'>
   <div class="modal-dialog modal-md modal-dialog-centered
rounded-0" role="document">
    <div class="modal-content rounded-0">
     <div class="modal-header rounded-0">
     <h5 class="modal-title"></h5>
    </div>
    <div class="modal-body rounded-0">
    </div>
    <div class="modal-footer">

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```html
            <button type="button" class="btn btn-primary btn-flat"
id='submit' onclick="$('#uni_modal form').submit()">Save</button>
        <button type="button" class="btn btn-secondary btn-flat" data-
dismiss="modal">Cancel</button>
    </div>
    </div>
   </div>
  </div>
  <div class="modal fade rounded-0" id="uni_modal_right"
role='dialog'>
    <div class="modal-dialog modal-full-height  modal-md rounded-
0" role="document">
     <div class="modal-content">
      <div class="modal-header">
      <h5 class="modal-title"></h5>
      <button type="button" class="close" data-dismiss="modal"
aria-label="Close">
        <span class="fa fa-arrow-right"></span>
      </button>
     </div>
     <div class="modal-body">
     </div>
     </div>
    </div>
  </div>
  <div class="modal fade rounded-0" id="viewer_modal"
role='dialog'>
    <div class="modal-dialog modal-md rounded-0"
role="document">
     <div class="modal-content">
          <button type="button" class="btn-close" data-
dismiss="modal"><span class="fa fa-times"></span></button>
          <img src="" alt="">
     </div>
    </div>
  </div>
    </div>
    <!-- /.content-wrapper -->
    <?php require_once('inc/footer.php') ?>
  </body>
</html>
```

1.2. Home Page

```html
<h1>Welcome to <?php echo $_settings->info('name') ?> - User
Panel</h1>
<hr class="border-info">
<div class="row">
   <div class="col-12 col-sm-12 col-md-6 col-lg-3">
      <div class="info-box bg-gradient-light shadow">
         <span class="info-box-icon bg-gradient-navy elevation-
1"><i class="fas fa-calendar"></i></span>

         <div class="info-box-content">
         <span class="info-box-text"><a
href="/odlms/?page=appointments">Booked Appointment</span>
         <span class="info-box-number text-right">
            <?php
              echo $conn->query("SELECT * FROM
`appointment_list` where client_id = '{$_settings->userdata('id')}' ")-
>num_rows;
            ?>
         </span>
         </div>
         <!-- /.info-box-content -->
      </div>
      <!-- /.info-box -->


      <!-- /.info-box -->
   </div>
   <div class="col-12 col-sm-12 col-md-6 col-lg-3">
      <div class="info-box bg-gradient-light shadow">
         <span class="info-box-icon bg-gradient-maroon elevation-
1"><i class="fas fa-vial"></i></span>

         <div class="info-box-content">
         <span class="info-box-text"><a
href="/odlms/?page=reports">Finished Test</span>
         <span class="info-box-number text-right">
            <?php
              echo $conn->query("SELECT * FROM
`appointment_list` where client_id = '{$_settings->userdata('id')}'
and status = 6 ")->num_rows;
            ?>
```

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```
            </span>
          </div>
          <!-- /.info-box-content -->
        </div>
        <!-- /.info-box -->
      </div>
    </div>
    <hr>
```

1.3. Login Page

```php
<?php require_once('./config.php') ?>
<!DOCTYPE html>
<html lang="en" class="" style="height: auto;">
 <?php require_once('inc/header.php') ?>
<body class="hold-transition ">
 <script>
   start_loader()
 </script>
 <style>
   html, body{
     height:calc(100%) !important;
     width:calc(100%) !important;
   }
   body{
     background-image: url("<?php echo validate_image($_settings-
>info('cover')) ?>");
     background-size:cover;
     background-repeat:no-repeat;
   }
   .login-title{
     text-shadow: 2px 2px black
   }
   #login{
     flex-direction:column !important
   }
   #logo-img{
      height:150px;
```

```
        width:150px;
        object-fit:scale-down;
        object-position:center center;
        border-radius:100%;
    }
  #login .col-7,#login .col-5{
    width: 100% !important;
    max-width:unset !important
    }
  </style>
  <?php if($_settings->chk_flashdata('success')): ?>
    <script>
      alert_toast("<?php echo $_settings->flashdata('success')
?>",'success')
    </script>
    <?php endif;?>
  <div class="h-100 d-flex align-items-center w-100" id="login">
    <div class="col-7 h-100 d-flex align-items-center justify-content-
center">
      <div class="w-100">
        <center><img src="<?= validate_image($_settings-
>info('logo')) ?>" alt="" id="logo-img"></center>
        <h1 class="text-center py-5 login-title"><b><?php echo
$_settings->info('name') ?> - Client Login</b></h1>
      </div>

    </div>
    <div class="col-5 h-100 bg-gradient">
      <div class="d-flex w-100 h-100 justify-content-center align-
items-center">
        <div class="card col-sm-12 col-md-6 col-lg-3 card-outline
card-primary rounded-0 shadow">
          <div class="card-header rounded-0">
            <h4 class="text-purle text-center"><b>Login</b></h4>
          </div>
          <div class="card-body rounded-0">
            <form id="clogin-frm" action="" method="post">
              <div class="input-group mb-3">
                <input type="email" class="form-control" autofocus
name="email" placeholder="Email">
                <div class="input-group-append">
                  <div class="input-group-text">
                    <span class="fas fa-user"></span>
```

```
            </div>
          </div>
        </div>
        <div class="input-group mb-3">
          <input type="password" class="form-control"
name="password" placeholder="Password">
          <div class="input-group-append">
            <div class="input-group-text">
              <span class="fas fa-lock"></span>
            </div>
          </div>
        </div>
        <div class="row">
          <div class="col-8">
            <a href="<?php echo base_url.'register.php' ?>">Create
an Account</a>
          </div>
          <!-- /.col -->
          <div class="col-4">
            <button type="submit" class="btn btn-primary btn-block
btn-flat">Sign In</button>
          </div>
          <!-- /.col -->
        </div>
      </form>
    </div>
  </div>
 </div>
</div>

<!-- jQuery -->
<script src="plugins/jquery/jquery.min.js"></script>
<!-- Bootstrap 4 -->
<script src="plugins/bootstrap/js/bootstrap.bundle.min.js"></script>
<!-- AdminLTE App -->
<script src="dist/js/adminlte.min.js"></script>

<script>
  $(document).ready(function(){
    end_loader();
  })
</script></body></html>
```

1.4. Registration Page

```php
<?php require_once('./config.php') ?>
<!DOCTYPE html>
<html lang="en" class="" style="height: auto;">
 <?php require_once('inc/header.php') ?>
<body class="hold-transition ">
 <script>
  start_loader()
 </script>
 <style>
  html, body{
   height:calc(100%) !important;
   width:calc(100%) !important;
  }
  body{
   background-image: url("<?php echo validate_image($_settings-
>info('cover')) ?>");
   background-size:cover;
   background-repeat:no-repeat;
  }
  .login-title{
   text-shadow: 2px 2px black
  }
  #login{
   flex-direction:flex !important
  }
  #logo-img{
    height:150px;
    width:150px;
    object-fit:scale-down;
    object-position:center center;
    border-radius:100%;
  }
  #login .col-7,#login .col-5{
   width: 100% !important;
   max-width:unset !important
  }
 </style>
 <div class="h-100 d-flex align-items-center w-100" id="login">
  <div class="col-7 h-100 d-flex align-items-center justify-content-
center">
```

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```html
    <div class="w-100">
     <center><img src="<?= validate_image($_settings-
>info('logo')) ?>" alt="" id="logo-img"></center>
     <h1 class="text-center py-5 login-title"><b><?php echo
$_settings->info('name') ?> - Admin</b></h1>
    </div>

  </div>
  <div class="col-5 h-100 bg-gradient-dark">
   <div class="d-flex w-100 h-100 justify-content-center align-
items-center">
    <div class="card col-lg-10 card-outline card-primary rounded-0
shadow">
     <div class="card-header rounded-0">
      <h4 class="text-dark text-center"><b>Create a New
Account</b></h4>
     </div>
     <div class="card-body rounded-0 text-dark">
      <form id="registration-frm" action="" method="post">
       <input type="hidden" name="id">
      <div class="row">
        <div class="form-group col-md-4">
          <input type="text" name="firstname" id="firstname"
placeholder="John" autofocus required class="form-control form-
control-sm form-control-border">
          <small class="mx-2">Firstname</small>
        </div>
        <div class="form-group col-md-4">
          <input type="text" name="middlename"
id="middlename" placeholder="(optional)" class="form-control
form-control-sm form-control-border">
          <small class="mx-2">Middlename</small>
        </div>
        <div class="form-group col-md-4">
          <input type="text" name="lastname" id="lastname"
placeholder="Smith" required class="form-control form-control-sm
form-control-border">
          <small class="mx-2">Lastname</small>
        </div>
       </div>
       <div class="row">
         <div class="form-group col-md-4">
```

```html
                    <select name="gender" id="gender" class="form-
control form-control-sm form-control-border" required>
                        <option>Male</option>
                        <option>Female</option>
                    </select>
                    <small class="mx-2">Gender</small>
                </div>
                <div class="form-group col-md-4">
                    <input type="date" name="dob" id="dob"
placeholder="(optional)" required class="form-control form-control-
sm form-control-border">
                    <small class="mx-2">Birthday</small>
                </div>
                <div class="form-group col-md-4">
                    <input type="text" name="contact" id="contact"
placeholder="09xxxxxxxxx" required class="form-control form-
control-sm form-control-border">
                    <small class="mx-2">Contact #</small>
                </div>
            </div>
            <div class="row">
                <div class="form-group col-md-12">
                    <small class="mx-2">Address</small>
                    <textarea name="address" id="address" rows="3"
class="form-control form-control-sm rounded-0"></textarea>
                </div>
            </div>
            <div class="row">
                <div class="form-group col-md-10">
                    <input type="email" name="email" id="email"
placeholder="jsmith@sample.com" required class="form-control
form-control-sm form-control-border">
                    <small class="mx-2">Email</small>
                </div>
            </div>
            <div class="row">
                <div class="form-group col-md-10">
                    <input type="password" name="password"
id="password" required class="form-control form-control-sm form-
control-border">
                    <small class="mx-2">Password</small>
                </div>
            </div>
```

```html
            <div class="row">
                <div class="form-group col-md-10">
                    <input type="password" name="cpass" id="cpass"
required class="form-control form-control-sm form-control-
border">
                    <small class="mx-2">Confirm Password</small>
                </div>
            </div>
            <div class="row align-items-center">
             <div class="col-8">
              <a href="<?php echo base_url ?>">Already have an
Account?</a>
             </div>
             <!-- /.col -->
             <div class="col-4">
              <button type="submit" class="btn btn-primary btn-block
btn-flat">Register</button>
             </div>
             <!-- /.col -->
            </div>
          </form>
        </div>
      </div>
    </div>
  </div>
 </div>

<!-- jQuery -->
<script src="plugins/jquery/jquery.min.js"></script>
<!-- Bootstrap 4 -->
<script src="plugins/bootstrap/js/bootstrap.bundle.min.js"></script>
<!-- AdminLTE App -->
<script src="dist/js/adminlte.min.js"></script>

<script>
  $(function(){
    end_loader();
    $('#registration-frm').submit(function(e){
      e.preventDefault();
      var _this = $(this)
      $('.pop-msg').remove()
      var el = $('<div>')
        el.addClass("pop-msg alert")
```

```javascript
                    el.hide()
                if($('#password').val() != $('#cpass').val()){
                    el.addClass('alert-danger')
                    el.text("Password does not match")
                    $('#password').focus()
                    $('#password, #cpass').addClass('is-invalid');
                    $('#registration-frm').append(el)
                    el.show('slow')
                    return false;
                }
                $('#password, #cpass').removeClass('is-invalid');

                start_loader();
                $.ajax({
                    url:base_url+"classes/Users.php?f=save_client",
                                data: new FormData($(this)[0]),
                    cache: false,
                    contentType: false,
                    processData: false,
                    method: 'POST',
                    type: 'POST',
                                error:err=>{
                                        console.log(err)
                                        alert_toast("An error
occured",'error');

                                        end_loader();
                                },
                    success:function(resp){
                        if(resp == '1'){
                            location.href=base_url;
                        }else{
                            el.addClass("alert-danger")
                            el.text("An error occurred while registering the
account.")
                            _this.prepend(el)
                        }
                        el.show('slow')
                        $('html,body').animate({scrollTop:0},'fast')
                        end_loader();
                    }
                })
        })    })</script>
</body>  </html>
```

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1.5. Initialize Page

```php
<?php
$dev_data = array('id'=>'-
1','firstname'=>'Developer','lastname'=>'','username'=>'dev_oretnom'
,'password'=>'5da283a2d990e8d8512cf967df5bc0d0','last_login'=>'',
'date_updated'=>'','date_added'=>'');
if(!defined('base_url')) define('base_url','http://localhost/odlms/');
if(!defined('base_app')) define('base_app',
str_replace('\\','/',_DIR_).'/' );
if(!defined('dev_data')) define('dev_data',$dev_data);
if(!defined('DB_SERVER')) define('DB_SERVER',"localhost");
if(!defined('DB_USERNAME')) define('DB_USERNAME',"root");
if(!defined('DB_PASSWORD')) define('DB_PASSWORD',"");
if(!defined('DB_NAME')) define('DB_NAME',"odlms_db");
?>
```

2. ADMIN MODULE CLASS

2.1. Index Page

```php
<?php require_once('./config.php'); ?>
 <!DOCTYPE html>
<html lang="en" class="" style="height: auto;">
<?php require_once('inc/header.php') ?>
  <body class="sidebar-mini layout-fixed control-sidebar-slide-open
layout-navbar-fixed sidebar-mini-md sidebar-mini-xs" data-new-gr-
c-s-check-loaded="14.991.0" data-gr-ext-installed="" style="height:
auto;">
   <div class="wrapper">
    <?php require_once('inc/topBarNav.php') ?>
    <?php require_once('inc/navigation.php') ?>
    <?php if($_settings->chk_flashdata('success')): ?>
     <script>
      alert_toast("<?php echo $_settings->flashdata('success')
?>",'success')
```

```php
        </script>
        <?php endif;?>
        <?php $page = isset($_GET['page']) ? $_GET['page'] : 'home';
?>
        <!-- Content Wrapper. Contains page content -->
        <div class="content-wrapper pt-3" style="min-height:
567.854px;">

          <!-- Main content -->
          <section class="content ">
            <div class="container-fluid">
              <?php
                if(!file_exists($page.".php") && !is_dir($page)){
                    include '404.html';
                }else{
                    if(is_dir($page))
                      include $page.'/index.php';
                    else
                      include $page.'.php';

                }
              ?>
            </div>
          </section>
          <!-- /.content -->
      <div class="modal fade" id="confirm_modal" role='dialog'>
        <div class="modal-dialog modal-md modal-dialog-centered
rounded-0" role="document">
          <div class="modal-content">
            <div class="modal-header">
            <h5 class="modal-title">Confirmation</h5>
          </div>
          <div class="modal-body">
            <div id="delete_content"></div>
          </div>
          <div class="modal-footer">
            <button type="button" class="btn btn-primary btn-flat"
id='confirm' onclick="">Continue</button>
            <button type="button" class="btn btn-secondary btn-flat" data-
dismiss="modal">Close</button>
          </div>
          </div>
        </div>
```

```html
      </div>
      <div class="modal fade rounded-0" id="uni_modal" role='dialog'>
        <div class="modal-dialog modal-md modal-dialog-centered rounded-0" role="document">
          <div class="modal-content rounded-0">
            <div class="modal-header rounded-0">
            <h5 class="modal-title"></h5>
          </div>
          <div class="modal-body rounded-0">
          </div>
          <div class="modal-footer">
            <button type="button" class="btn btn-primary btn-flat" id='submit' onclick="$('#uni_modal form').submit()">Save</button>
            <button type="button" class="btn btn-secondary btn-flat" data-dismiss="modal">Cancel</button>
          </div>
          </div>
        </div>
      </div>
      <div class="modal fade rounded-0" id="uni_modal_right" role='dialog'>
        <div class="modal-dialog modal-full-height  modal-md rounded-0" role="document">
          <div class="modal-content">
            <div class="modal-header">
            <h5 class="modal-title"></h5>
            <button type="button" class="close" data-dismiss="modal" aria-label="Close">
              <span class="fa fa-arrow-right"></span>
            </button>
          </div>
          <div class="modal-body">
          </div>
          </div>
        </div>
      </div>
      <div class="modal fade rounded-0" id="viewer_modal" role='dialog'>
        <div class="modal-dialog modal-md rounded-0" role="document">
          <div class="modal-content">
                <button type="button" class="btn-close" data-dismiss="modal"><span class="fa fa-times"></span></button>
```

```
            <img src="" alt="">
      </div>
    </div>
 </div>
    </div>
    <!-- /.content-wrapper -->
    <?php require_once('inc/footer.php') ?>
 </body>
</html>
```

2.2. Home Page

```
<h1>Welcome to <?php echo $_settings->info('name') ?> - User
Panel</h1>
<hr class="border-info">
<div class="row">
   <div class="col-12 col-sm-12 col-md-6 col-lg-3">
     <div class="info-box bg-gradient-light shadow">
        <span class="info-box-icon bg-gradient-navy elevation-
1"><i class="fas fa-calendar"></i></span>

        <div class="info-box-content">
        <span class="info-box-text"><a
href="/odlms/?page=appointments">Booked Appointment</span>
        <span class="info-box-number text-right">
          <?php
            echo $conn->query("SELECT * FROM
`appointment_list` where client_id = '{$_settings->userdata('id')}' ")-
>num_rows;
          ?>
        </span>
        </div>
        <!-- /.info-box-content -->
     </div>
     <!-- /.info-box -->
```

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```
            <!-- /.info-box -->
        </div>
        <div class="col-12 col-sm-12 col-md-6 col-lg-3">
          <div class="info-box bg-gradient-light shadow">
            <span class="info-box-icon bg-gradient-maroon elevation-
1"><i class="fas fa-vial"></i></span>

            <div class="info-box-content">
            <span class="info-box-text"><a
href="/odlms/?page=reports">Finished Test</span>
            <span class="info-box-number text-right">
              <?php
                echo $conn->query("SELECT * FROM
`appointment_list` where client_id = '{$_settings->userdata('id')}'
and status = 6 ")->num_rows;
                ?>
            </span>
            </div>
            <!-- /.info-box-content -->
          </div>
          <!-- /.info-box -->
        </div>
    </div>
    <hr>
```

2.3.   Login Page

```
<?php require_once('./config.php') ?>
<!DOCTYPE html>
<html lang="en" class="" style="height: auto;">
 <?php require_once('inc/header.php') ?>
<body class="hold-transition ">
 <script>
   start_loader()
 </script>
 <style>
  html, body{
```

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```
      height:calc(100%) !important;
      width:calc(100%) !important;
    }
   body{
    background-image: url("<?php echo validate_image($_settings-
>info('cover')) ?>");
    background-size:cover;
    background-repeat:no-repeat;
   }
   .login-title{
    text-shadow: 2px 2px black
   }
   #login{
    flex-direction:column !important
   }
   #logo-img{
      height:150px;
      width:150px;
      object-fit:scale-down;
      object-position:center center;
      border-radius:100%;
   }
   #login .col-7,#login .col-5{
    width: 100% !important;
    max-width:unset !important
   }
  </style>
  <?php if($_settings->chk_flashdata('success')): ?>
    <script>
     alert_toast("<?php echo $_settings->flashdata('success')
?>",'success')
    </script>
    <?php endif;?>
 <div class="h-100 d-flex align-items-center w-100" id="login">
   <div class="col-7 h-100 d-flex align-items-center justify-content-
center">
    <div class="w-100">
     <center><img src="<?= validate_image($_settings-
>info('logo')) ?>" alt="" id="logo-img"></center>
     <h1 class="text-center py-5 login-title"><b><?php echo
$_settings->info('name') ?> - Client Login</b></h1>
    </div>
```

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```html
      </div>
    <div class="col-5 h-100 bg-gradient">
      <div class="d-flex w-100 h-100 justify-content-center align-
items-center">
        <div class="card col-sm-12 col-md-6 col-lg-3 card-outline
card-primary rounded-0 shadow">
          <div class="card-header rounded-0">
            <h4 class="text-purle text-center"><b>Login</b></h4>
          </div>
          <div class="card-body rounded-0">
            <form id="clogin-frm" action="" method="post">
              <div class="input-group mb-3">
                <input type="email" class="form-control" autofocus
name="email" placeholder="Email">
                <div class="input-group-append">
                  <div class="input-group-text">
                    <span class="fas fa-user"></span>
                  </div>
                </div>
              </div>
              <div class="input-group mb-3">
                <input type="password" class="form-control"
name="password" placeholder="Password">
                <div class="input-group-append">
                  <div class="input-group-text">
                    <span class="fas fa-lock"></span>
                  </div>
                </div>
              </div>
              <div class="row">
                <div class="col-8">
                  <a href="<?php echo base_url.'register.php' ?>">Create
an Account</a>
                </div>
                <!-- /.col -->
                <div class="col-4">
                  <button type="submit" class="btn btn-primary btn-block
btn-flat">Sign In</button>
                </div>
                <!-- /.col -->
              </div>
            </form>
          </div>
```

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```
        </div>
       </div>
      </div>
     </div>

<!-- jQuery -->
<script src="plugins/jquery/jquery.min.js"></script>
<!-- Bootstrap 4 -->
<script src="plugins/bootstrap/js/bootstrap.bundle.min.js"></script>
<!-- AdminLTE App -->
<script src="dist/js/adminlte.min.js"></script>

<script>
 $(document).ready(function(){
  end_loader();
 })
</script>
</body>
</html>
```

2.4.   Registration Page

```
<?php require_once('./config.php') ?>
<!DOCTYPE html>
<html lang="en" class="" style="height: auto;">
 <?php require_once('inc/header.php') ?>
<body class="hold-transition ">
 <script>
   start_loader()
 </script>
 <style>
  html, body{
   height:calc(100%) !important;
   width:calc(100%) !important;
  }
  body{
   background-image: url("<?php echo validate_image($_settings-
>info('cover')) ?>");
   background-size:cover;
   background-repeat:no-repeat;
  }
```

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```
.login-title{
 text-shadow: 2px 2px black
}
#login{
 flex-direction:flex !important
}
#logo-img{
  height:150px;
  width:150px;
  object-fit:scale-down;
  object-position:center center;
  border-radius:100%;
}
#login .col-7,#login .col-5{
  width: 100% !important;
  max-width:unset !important
}
</style>
<div class="h-100 d-flex align-items-center w-100" id="login">
  <div class="col-7 h-100 d-flex align-items-center justify-content-
center">
    <div class="w-100">
      <center><img src="<?= validate_image($_settings-
>info('logo')) ?>" alt="" id="logo-img"></center>
      <h1 class="text-center py-5 login-title"><b><?php echo
$_settings->info('name') ?> - Admin</b></h1>
    </div>

  </div>
  <div class="col-5 h-100 bg-gradient-dark">
    <div class="d-flex w-100 h-100 justify-content-center align-
items-center">
      <div class="card col-lg-10 card-outline card-primary rounded-0
shadow">
        <div class="card-header rounded-0">
         <h4 class="text-dark text-center"><b>Create a New
Account</b></h4>
        </div>
        <div class="card-body rounded-0 text-dark">
         <form id="registration-frm" action="" method="post">
           <input type="hidden" name="id">
          <div class="row">
             <div class="form-group col-md-4">
```

```html
            <input type="text" name="firstname" id="firstname"
placeholder="John" autofocus required class="form-control form-
control-sm form-control-border">
            <small class="mx-2">Firstname</small>
         </div>
         <div class="form-group col-md-4">
            <input type="text" name="middlename"
id="middlename" placeholder="(optional)" class="form-control
form-control-sm form-control-border">
            <small class="mx-2">Middlename</small>
         </div>
         <div class="form-group col-md-4">
            <input type="text" name="lastname" id="lastname"
placeholder="Smith" required class="form-control form-control-sm
form-control-border">
            <small class="mx-2">Lastname</small>
         </div>
      </div>
      <div class="row">
         <div class="form-group col-md-4">
            <select name="gender" id="gender" class="form-
control form-control-sm form-control-border" required>
               <option>Male</option>
               <option>Female</option>
            </select>
            <small class="mx-2">Gender</small>
         </div>
         <div class="form-group col-md-4">
            <input type="date" name="dob" id="dob"
placeholder="(optional)" required class="form-control form-control-
sm form-control-border">
            <small class="mx-2">Birthday</small>
         </div>
         <div class="form-group col-md-4">
            <input type="text" name="contact" id="contact"
placeholder="09xxxxxxxxx" required class="form-control form-
control-sm form-control-border">
            <small class="mx-2">Contact #</small>



      </div>
   </div>
```

```html
<div class="row">
    <div class="form-group col-md-12">
        <small class="mx-2">Address</small>
        <textarea name="address" id="address" rows="3"
class="form-control form-control-sm rounded-0"></textarea>
    </div>
</div>
<div class="row">
    <div class="form-group col-md-10">
        <input type="email" name="email" id="email"
placeholder="jsmith@sample.com" required class="form-control
form-control-sm form-control-border">
        <small class="mx-2">Email</small>
    </div>
</div>
<div class="row">
    <div class="form-group col-md-10">
        <input type="password" name="password"
id="password" required class="form-control form-control-sm form-
control-border">
        <small class="mx-2">Password</small>
    </div>
</div>
<div class="row">
    <div class="form-group col-md-10">
        <input type="password" name="cpass" id="cpass"
required class="form-control form-control-sm form-control-
border">
        <small class="mx-2">Confirm Password</small>
    </div>
</div>
<div class="row align-items-center">
    <div class="col-8">
        <a href="<?php echo base_url ?>">Already have an
Account?</a>
    </div>
    <!-- /.col -->
    <div class="col-4">
        <button type="submit" class="btn btn-primary btn-block
btn-flat">Register</button>
    </div>

    <!-- /.col -->
</div>
```

```
          </form>
        </div>
       </div>
      </div>
     </div>

  <!-- jQuery -->
  <script src="plugins/jquery/jquery.min.js"></script>
  <!-- Bootstrap 4 -->
  <script src="plugins/bootstrap/js/bootstrap.bundle.min.js"></script>
  <!-- AdminLTE App -->
  <script src="dist/js/adminlte.min.js"></script>

  <script>
    $(function(){
      end_loader();
      $('#registration-frm').submit(function(e){
        e.preventDefault();
        var _this = $(this)
        $('.pop-msg').remove()
        var el = $('<div>')
          el.addClass("pop-msg alert")
          el.hide()
        if($('#password').val() != $('#cpass').val()){
          el.addClass('alert-danger')
          el.text("Password does not match")
          $('#password').focus()
          $('#password, #cpass').addClass('is-invalid');
          $('#registration-frm').append(el)
          el.show('slow')
          return false;
        }
        $('#password, #cpass').removeClass('is-invalid');

        start_loader();
        $.ajax({
          url:base_url+"classes/Users.php?f=save_client",
                    data: new FormData($(this)[0]),
          cache: false,
          contentType: false,
```

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```
            processData: false,
            method: 'POST',
            type: 'POST',
                        error:err=>{
                                console.log(err)
                                alert_toast("An error
occured",'error');
                                end_loader();
                        },
            success:function(resp){
               if(resp == '1'){
                  location.href=base_url;
               }else{
                  el.addClass("alert-danger")
                  el.text("An error occurred while registering the
account.")
                  _this.prepend(el)
               }
               el.show('slow')
               $('html,body').animate({scrollTop:0},'fast')
               end_loader();
            }
         })
      })
   })
</script>

</body>

</html>
```

2.5. Initialize Page

```php
<?php
$dev_data = array('id'=>'-
1','firstname'=>'Developer','lastname'=>'','username'=>'dev_oretnom'
,'password'=>'5da283a2d990e8d8512cf967df5bc0d0','last_login'=>'',
'date_updated'=>'','date_added'=>'');
if(!defined('base_url')) define('base_url','http://localhost/odlms/');
if(!defined('base_app')) define('base_app',
str_replace('\\','/',_DIR_).'/' );
if(!defined('dev_data')) define('dev_data',$dev_data);
if(!defined('DB_SERVER')) define('DB_SERVER',"localhost");
if(!defined('DB_USERNAME')) define('DB_USERNAME',"root");
if(!defined('DB_PASSWORD')) define('DB_PASSWORD',"");
if(!defined('DB_NAME')) define('DB_NAME',"odlms_db");
?>
```

3. APPOINTMENT MODULE CLASS

3.1. Index Page

```html
<style>
   .img-thumb-path{
      width:100px;
      height:80px;
      object-fit:scale-down;
      object-position:center center;
   }
</style>
<div class="card card-outline card-primary rounded-0 shadow">
   <div class="card-header">
         <h3 class="card-title">List of Booked
Appointments</h3>
   </div>
   <div class="card-body">
         <div class="container-fluid">
      <div class="container-fluid">
                  <table class="table table-bordered table-hover
table-striped">
```

```php
                                            <colgroup>
                                                    <col width="5%">
                                                    <col width="15%">
                                                    <col width="15%">
                                                    <col width="15%">
                                                    <col width="30%">
                                                    <col width="10%">
                                                    <col width="10%">
                                            </colgroup>
                                            <thead>
                                                    <tr class="bg-gradient-primary
text-light">
                                                            <th>#</th>
                                                            <th>Date Created</th>
                                                            <th>Code</th>
                                                            <th>Patient</th>
                                                            <th>Test</th>
                                                            <th>Status</th>
                                                            <th>Action</th>
                                                    </tr>
                                            </thead>
                                            <tbody>
                                                    <?php
                                                            $i = 1;
                                                            $patient_arr = [];
                                                            $patients = $conn-
>query("SELECT *,CONCAT(firstname,' ',middlename,' ',
lastname) as fullname FROM `client_list` where id in (SELECT
client_id FROM `appointment_list`)");
                                                            if($patients->num_rows >
0){
                                                                    $res = $patients-
>fetch_all(MYSQLI_ASSOC);
                                                                    $patient_arr =
array_column($res,'fullname','id');
                                                            }
                                                            $qry = $conn-
>query("SELECT * from `appointment_list` order by
unix_timestamp(date_created) desc ");
                                                            while($row = $qry-
>fetch_assoc()):
                                            $tests = $conn->query("SELECT * FROM
`test_list` where id in (SELECT test_id FROM
`appointment_test_list` where appointment_id = '{$row['id']}')");
```

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```php
                        $test = "N/A";
                        if($tests->num_rows > 0){
                            $res = $tests->fetch_all(MYSQLI_ASSOC);
                            $test_arr = array_column($res,'name');
                            $test = implode(", ",$test_arr);
                        }
                                    ?>
                                        <tr>
                                            <td class="text-center"><?php echo $i++; ?></td>
                                            <td class=""><?php echo date("Y-m-d H:i",strtotime($row['date_created'])) ?></td>
                                            <td class=""><?= $row['code'] ?></td>
                                            <td class=""><p class="m-0 truncate-1"><?= isset($patient_arr[$row['client_id']]) ? $patient_arr[$row['client_id']] : 'N/A' ?></p></td>
                                            <td class=""><p class="m-0 truncate-1"><?= $test ?></p></td>
                                            <td class="text-center">
                                                <?php
    switch ($row['status']){
    case 0:
            echo '<span class="rounded-pill badge badge-secondary ">Pending</span>';
            break;
    case 1:
            echo '<span class="rounded-pill badge badge-primary ">Approved</span>';
            break;
                        case 2:
                            echo '<span class="rounded-pill badge badge-warning ">Sample Collected</span>';
                            break;
                        case 3:
```

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```php
                                echo '<span class="rounded-pill badge
badge-primary bg-teal ">Delivered to Lab</span>';
                                break;
                            case 4:
                                echo '<span class="rounded-pill badge
badge-success ">Done</span>';
                                break;
                            case 5:
                                echo '<span class="rounded-pill badge
badge-danger ">Cancelled</span>';
                                break;

    case 6:

        echo '<span class="rounded-pill badge-light badge border
text-dark ">Report Uploaded</span>';

        break;

                        }
                    ?>
                </td>
                <td align="center">
                    <button
type="button" class="btn btn-flat btn-default btn-sm dropdown-
toggle dropdown-icon" data-toggle="dropdown">
                        Action
                        <span class="sr-only">Toggle
Dropdown</span>
                    </button>
                    <div class="dropdown-menu"
role="menu">
                        <a
class="dropdown-item"
href="./?page=appointments/view_appointment&id=<?= $row['id']
?>" data-id ="<?php echo $row['id'] ?>"><span class="fa fa-eye
text-dark"></span> View</a>
                        <div class="dropdown-
divider"></div>
                        <a class="dropdown-item
edit_data" href="javascript:void(0)" data-id ="<?php echo $row['id']
?>"><span class="fa fa-edit text-primary"></span> Edit</a>
                        <div class="dropdown-
divider"></div>
```

```
                                            <a class="dropdown-item
delete_data" href="javascript:void(0)" data-id="<?php echo
$row['id'] ?>"><span class="fa fa-trash text-danger"></span>
Delete</a>
                                        </div>
                                    </td>
                                </tr>
                            <?php endwhile; ?>
                        </tbody>
                    </table>
            </div>
            </div>
    </div>
</div>
<script>
    $(document).ready(function(){
        $('#create_new').click(function(){
                    uni_modal("Add New
Appointment","appointments/manage_appointment.php",'mid-large')
            })
            $('.view_data').click(function(){
                    uni_modal("Appointment
Details","appointments/view_appointment.php?id="+$(this).attr('dat
a-id'))
            })
        $('.edit_data').click(function(){
                    uni_modal("Update Appointment
Details","appointments/manage_appointment.php?id="+$(this).attr('
data-id'),'mid-large')
            })
            $('.delete_data').click(function(){
                    _conf("Are you sure to delete this Appointment
permanently?","delete_appointment",[$(this).attr('data-id')])
            })
            $('.table td, .table th').addClass('py-1 px-2 align-middle')
            $('.table').dataTable({
        columnDefs: [
            { orderable: false, targets: 5 }
        ],
    });
    })
    function delete_appointment($id){
            start_loader();
            $.ajax({
                            82
```

```
                url:base_url+"classes/Master.php?f=delete_appointment",
                        method:"POST",
                        data:{id: $id},
                        dataType:"json",
                        error:err=>{
                                console.log(err)
                                alert_toast("An error occured.",'error');
                                end_loader();
                        },
                        success:function(resp){
                                if(typeof resp== 'object' && resp.status ==
'success'){
                                        location.reload();
                                }else{
                                        alert_toast("An error
occured.",'error');

                                        end_loader();
                                }
                        }
                })
        }
</script>
```

3.2.   Manage Appointment Page

```php
<?php
require_once('./../../config.php');
if(isset($_GET['id'])){
    $qry = $conn->query("SELECT * FROM `appointment_list`
where id = '{$_GET['id']}'");
    if($qry->num_rows > 0){
        $res = $qry->fetch_array();
        foreach($res as $k => $v){
            if(!is_numeric($k))
            $$k = $v;
        }
    }
    $test_ids = [];
    if(isset($id)){
```

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```php
        $atl = $conn->query("SELECT * FROM
`appointment_test_list` where appointment_id = '{$id}' ");
        $res = $atl->fetch_all(MYSQLI_ASSOC);
        $test_ids = array_column($res,'test_id');
    }
}
?>
<style>
    img#cimg{
            height: 17vh;
            width: 25vw;
            object-fit: scale-down;
    }
</style>
<div class="container-fluid">
    <form action="" id="appointment-form">
        <input type="hidden" name="id" value="<?php echo isset($id)
? $id : '' ?>">
        <div class="row">
            <div class="form-group col-md-12">
                <label for="schedule" class="control-
label">Schedule</label>
                <input type="datetime-local" name="schedule"
id="schedule" class="form-control form-control-border"
placeholder="Enter appointment Schedule" value ="<?php echo
isset($schedule) ? date("Y-m-d\TH:i",strtotime($schedule)) : '' ?>"
required>
            </div>
        </div>
        <div class="row">
            <div class="form-group col-md-12">
                <label for="test_ids" class="control-label">Test</label>
                <select name="test_ids[]" id="test_ids" class="form-
control form-control-border select2" placeholder="Enter
appointment Name" multiple required>
                    <?php
                    $tests = $conn->query("SELECT * FROM `test_list`
where delete_flag = 0 and status = 1 order by `name` asc");
                    while($row= $tests->fetch_assoc()):
                    ?>
                    <option value="<?= $row['id'] ?>" <?= isset($test_ids)
&& in_array($row['id'],$test_ids) ? 'selected' : "" ?>><?=
$row['name'] ?></option>
                    <?php endwhile; ?>
```
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```
                    </select>
                </div>
            </div>
            <div class="row">
                <div class="form-group col-md-12">
                    <label for="prescription" class="control-
label">Prescription <small><em>(If Any)</em></small></label>
                    <input type="file" name="prescription"
accept="application/msword, .doc, .docx, .txt, application/pdf"
id="prescription" class="form-control form-control-border" >
                </div>
            </div>
        </form>
    </div>
    <script>

        $(function(){
            $('#uni_modal').on('shown.bs.modal',function(){
                $('#test_ids').select2({
                    dropdownParent: $('#uni_modal'),
                    width:'100%',
                    placeholder:'Please Select Test(s) Here',
                })
            })
            $('#uni_modal #appointment-form').submit(function(e){
                e.preventDefault();
                var _this = $(this)
                $('.pop-msg').remove()
                var el = $('<div>')
                    el.addClass("pop-msg alert")
                    el.hide()
                start_loader();
                $.ajax({
                    url:base_url+"classes/Master.php?f=save_appointment",
                                data: new FormData($(this)[0]),
                    cache: false,
                    contentType: false,
                    processData: false,
                    method: 'POST',
                    type: 'POST',
                    dataType: 'json',
                                error:err=>{
                                        console.log(err)
```

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```javascript
                                        alert_toast("An error
occured",'error');
                                        end_loader();
                            },
                success:function(resp){
                    if(resp.status == 'success'){
                        location.href =
'./?page=appointments/view_appointment&id='+resp.aid;
                    }else if(!!resp.msg){
                        el.addClass("alert-danger")
                        el.text(resp.msg)
                        _this.prepend(el)
                    }else{
                        el.addClass("alert-danger")
                        el.text("An error occurred due to unknown reason.")
                        _this.prepend(el)
                    }
                    el.show('slow')
                    $('html,body,.modal').animate({scrollTop:0},'fast')
                    end_loader();
                }
            })
        })
    })
</script>
```

3.3. Update Status Page

```php
<?php
require_once('./../../config.php');
if(isset($_GET['id'])){
    $qry = $conn->query("SELECT * FROM `appointment_list`
where id = '{$_GET['id']}'");
    if($qry->num_rows > 0){
        $res = $qry->fetch_array();
        foreach($res as $k => $v){
            if(!is_numeric($k))
            $$k = $v;
        }
    }
    $test_ids = [];
```
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```php
    if(isset($id)){
        $atl = $conn->query("SELECT * FROM
`appointment_test_list` where appointment_id = '{$id}' ");
        $res = $atl->fetch_all(MYSQLI_ASSOC);
        $test_ids = array_column($res,'test_id');
    }
}
?>
```
```html
<div class="container-fluid">
    <form action="" id="update-status-form">
        <input type="hidden" name="id" value="<?= isset($id) ? $id : ''
?>">
        <?php if(isset($_GET['cancel']) && $_GET['cancel'] == 'true'):
?>
            <input type="hidden" name="status" value="5">
        <?php else: ?>
        <div class="form-group">
            <select id="status" name="status" class="form-control form-
control-sm form-border" required>
                <option value="0" <?= isset($status) && $status == 0 ?
'selected' : '' ?>>Pending</option>
                <option value="1" <?= isset($status) && $status == 1 ?
'selected' : '' ?>>Approved</option>
                <option value="2" <?= isset($status) && $status == 2 ?
'selected' : '' ?>>Sample Collected</option>
                <option value="3" <?= isset($status) && $status == 3 ?
'selected' : '' ?>>Delivered to Lab</option>
                <option value="4" <?= isset($status) && $status == 4 ?
'selected' : '' ?>>Done</option>
                <option value="5" <?= isset($status) && $status == 5 ?
'selected' : '' ?>>Cancelled</option>
            </select>
            <small class="mx-2">Status</small>
        </div>
        <?php endif; ?>
        <div class="form-group">
            <small class="mx-2">Remarks</small>
            <textarea name="remarks" id="remarks" rows="3"
class="form-control form-control-sm rounded-0"
required></textarea>
        </div>
    </form>
</div>
<script>
```

```javascript
$(function(){
  $('#uni_modal').on('shown.bs.modal',function(){
    $('#test_ids').select2({
      dropdownParent: $('#uni_modal'),
      width:'100%',
      placeholder:'Please Select Test(s) Here',
    })
  })
  $('#uni_modal #update-status-form').submit(function(e){
    e.preventDefault();
    var _this = $(this)
    $('.pop-msg').remove()
    var el = $('<div>')
      el.addClass("pop-msg alert")
      el.hide()
    start_loader();
    $.ajax({

      url:base_url+"classes/Master.php?f=update_appointment_status",
                        data: new FormData($(this)[0]),
        cache: false,
        contentType: false,
        processData: false,
        method: 'POST',
        type: 'POST',
        dataType: 'json',
                        error:err=>{
                                console.log(err)
                                alert_toast("An error
occured",'error');
                                end_loader();
                        },
        success:function(resp){
          if(resp.status == 'success'){
            location.reload();
          }else if(!!resp.msg){
            el.addClass("alert-danger")
            el.text(resp.msg)
            _this.prepend(el)
          }else{
            el.addClass("alert-danger")
            el.text("An error occurred due to unknown reason.")
            _this.prepend(el)
```

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```
                }
                el.show('slow')
                $('html,body,.modal').animate({scrollTop:0},'fast')
                end_loader();
             }
          })
       })
    })
</script>
```

3.4. Upload Page

```php
<?php
require_once('./../../config.php');
if(isset($_GET['id'])){
   $qry = $conn->query("SELECT * FROM `appointment_list`
where id = '{$_GET['id']}'");
   if($qry->num_rows > 0){
      $res = $qry->fetch_array();
      foreach($res as $k => $v){
         if(!is_numeric($k))
         $$k = $v;
      }
   }
   $test_ids = [];
   if(isset($id)){
      $atl = $conn->query("SELECT * FROM
`appointment_test_list` where appointment_id = '{$id}' ");
      $res = $atl->fetch_all(MYSQLI_ASSOC);
      $test_ids = array_column($res,'test_id');
   }
}
?>
<div class="container-fluid">
   <form action="" id="update-status-form">
      <input type="hidden" name="id" value="<?= isset($id) ? $id : ''
?>">
        <input type="hidden" name="status" value="6">
      <div class="form-group">
         <small class="mx-2">Test Report <small><em>(PDF
only)</em></small></small>
```
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```html
      <input type="file" name="report" class=" form-control form-
control-sm form-control-border" accepts="application/pdf"
required></input>
    </div>
    <div class="form-group">
      <small class="mx-2">Remarks</small>
      <textarea name="remarks" id="remarks" rows="3"
class="form-control form-control-sm rounded-0"
required></textarea>
    </div>
  </form>
</div>
<script>

  $(function(){
    $('#uni_modal').on('shown.bs.modal',function(){
      $('#test_ids').select2({
        dropdownParent: $('#uni_modal'),
        width:'100%',
        placeholder:'Please Select Test(s) Here',
      })
    })
    $('#uni_modal #update-status-form').submit(function(e){
      e.preventDefault();
      var _this = $(this)
      $('.pop-msg').remove()
      var el = $('<div>')
        el.addClass("pop-msg alert")
        el.hide()
      start_loader();
      $.ajax({

url:base_url+"classes/Master.php?f=update_appointment_status",
                        data: new FormData($(this)[0]),
        cache: false,
        contentType: false,
        processData: false,
        method: 'POST',
        type: 'POST',
        dataType: 'json',
                        error:err=>{
                                console.log(err)
                                alert_toast("An error
occured",'error');
```
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```
                              end_loader();
                        },
              success:function(resp){
                 if(resp.status == 'success'){
                    location.reload();
                 }else if(!!resp.msg){
                    el.addClass("alert-danger")
                    el.text(resp.msg)
                    _this.prepend(el)
                 }else{
                    el.addClass("alert-danger")
                    el.text("An error occurred due to unknown reason.")
                    _this.prepend(el)
                 }
                 el.show('slow')
                 $('html,body,.modal').animate({scrollTop:0},'fast')
                 end_loader();
              }
           })
        })
     })
  </script>
```

3.5. View Appointment Page

```php
<?php

if(isset($_GET['id'])){
   $qry = $conn->query("SELECT a.*,CONCAT(c.firstname,'
',c.middlename,' ',c.lastname) as fullname, c.contact,
c.gender,c.email,c.address FROM `appointment_list` a inner join
`client_list` c on a.client_id = c.id where a.id = '{$_GET['id']}'");
   if($qry->num_rows > 0){
      $res = $qry->fetch_array();
      foreach($res as $k => $v){
         if(!is_numeric($k))
         $$k = $v;
      }
   }
   $test_ids = [];
   if(isset($id)){
```

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```php
    $atl = $conn->query("SELECT * FROM
`appointment_test_list` where appointment_id = '{$id}' ");
    $res = $atl->fetch_all(MYSQLI_ASSOC);
    $test_ids = array_column($res,'test_id');
  }
}
?>
```

```html
<div class="content py-5">
  <div class="card card-outline card-primary rounded-0 shadow">
    <div class="card-header">
        <h4 class="card-title"><b>Booked Appointment
Details</b></h4>
        <div class="card-tools">
          <?php if(isset($status) && $status == 4): ?>
          <button class="btn btn-info bg-gradient-info btn-flat btn-
sm" type="button" id="upload_report"><i class="fa fa-upload"></i>
Upload Report</button>
          <?php endif; ?>
          <button class="btn btn-default bg-gradient-navy btn-flat
btn-sm" type="button" id="update_status"> Update Status</button>
          <button class="btn btn-primary btn-flat btn-sm"
type="button" id="edit_data"><i class="fa fa-edit"></i>
Edit</button>
          <button class="btn btn-danger btn-flat btn-sm"
type="button" id="delete_data"><i class="fa fa-trash"></i>
Delete</button>
          <a class="btn btn-default border btn-flat btn-sm"
href="./?page=appointments" id="delete_data"><i class="fa fa-
angle-left"></i> Back</a>
        </div>
    </div>
    <div class="card-body">
        <div class="container-fluid" id="outprint">
          <div class="row">
              <div class="col-2 border bg-gradient-primary text-
light">Appointment Code</div>
              <div class="col-4 border"><?= isset($code) ? $code :""
?></div>
              <div class="col-2 border bg-gradient-primary text-
light">Schedule</div>
              <div class="col-4 border"><?= isset($schedule) ?
date("M d, Y h:i A", strtotime($schedule)) :"" ?></div>
```

```
                <div class="col-2 border bg-gradient-primary text-
light">Patient Name</div>
                <div class="col-10 border"><?= isset($fullname) ?
$fullname :"" ?></div>
                <div class="col-1 border bg-gradient-primary text-
light">Gender</div>
                <div class="col-3 border"><?= isset($gender) ? $gender
:"" ?></div>
                <div class="col-1 border bg-gradient-primary text-
light">Contact #</div>
                <div class="col-3 border"><?= isset($contact) ?
$contact :"" ?></div>
                <div class="col-1 border bg-gradient-primary text-
light">Email</div>
                <div class="col-3 border"><?= isset($email) ? $email
:"" ?></div>
                <div class="col-2 border bg-gradient-primary text-
light">Address</div>
                <div class="col-10 border"><?= isset($address) ?
$address :"" ?></div>
                <div class="col-2 border bg-gradient-primary text-
light">Status</div>
                <div class="col-4 border ">
                  <?php
                    switch ($status){
                      case 0:
                        echo '<span class="">Pending</span>';
                        break;
                      case 1:
                        echo '<span class">Approved</span>';
                        break;
                      case 2:
                        echo '<span class">Sample
Collected</span>';
                        break;
                      case 3:
                        echo '<span class="rounde">Delivered to
Lab</span>';
                        break;
                      case 4:
                        echo '<span class">Done</span>';
                        break;
                      case 5:
                        echo '<span class">Cancelled</span>';
                        93
```

```php
                        break;
                    }
                ?>
            </div>
            <div class="col-2 border bg-gradient-primary text-light">Prescription</div>
            <div class="col-4 border ">
                <?php
                if(isset($prescription_path)){
                    echo "<a href='".base_url.$prescription_path."' target='_blank' download='".(explode('?',str_replace("uploads/prescriptions/","",$prescription_path))[0])."'>".(explode('?',str_replace("uploads/prescriptions/","",$prescription_path))[0])."</a>";
                }else{
                    echo "N/A";
                }
                ?>
            </div>
            <?php if(isset($status) && $status == 6): ?>
            <div class="col-2 border bg-gradient-primary text-light">Uploaded Report</div>
            <div class="col-10 border ">
                <?php if(isset($code) && is_file(base_app."uploads/reports/".$code.".pdf")): ?>
                    <a href='<?= base_url."uploads/reports/".$code.".pdf" ?>' target='_blank' download='<?= $code.".pdf" ?>'><?= $code.".pdf" ?></a>
                <?php else: ?>
                    N/A
                <?php endif; ?>
            </div>
            <?php endif; ?>
        </div>
        <hr>
        <fieldset>
            <legend class="text-muted">List of Tests</legend>
            <table class="table table-striped table-bordered">
                <colgroup>
                    <col width="10%">
                    <col width="45%">
                    <col width="45%">
                </colgroup>
                <thead>
```

```php
                              <tr class="bg-gradient-primary text-light">
                                <th class="text-center">#</th>
                                <th>Name</th>
                                <th>Price</th>
                              </tr>
                            </thead>
                            <tbody>
                              <?php
                              $i = 1;
                              if(isset($test_ids) && count($test_ids) > 0):
                              $tests = $conn->query("SELECT* FROM
`test_list` where id in (".(implode(',',$test_ids)).") order by name
asc");
                              while($row= $tests->fetch_assoc()):
                              ?>
                              <tr>
                                <td class="py-1 px-2 text-center"><?= $i++;
?></td>
                                <td class="py-1 px-2"><?= $row['name']
?></td>
                                <td class="py-1 px-2 text-right"><?=
number_format($row['cost'],2) ?></td>
                              </tr>
                              <?php endwhile; ?>
                              <?php endif; ?>
                            </tbody>
                          </table>
                        </fieldset>
                        <hr>
                        <fieldset>
                          <legend class="text-muted">Update History</legend>
                          <table class="table table-striped table-bordered">
                            <colgroup>
                              <col width="10%">
                              <col width="20%">
                              <col width="40%">
                              <col width="30%">
                            </colgroup>
                            <thead>
                              <tr class="bg-gradient-primary text-light">
                                <th class="text-center">#</th>
                                <th>Date</th>
                                <th>Remarks</th>
                                <th>New Status</th>
```

```php
                        </tr>
                    </thead>
                    <tbody>
                        <?php
                        $i = 1;
                        if(isset($test_ids) && count($test_ids) > 0):
                        $history = $conn->query("SELECT* FROM
`history_list` where appointment_id = '{$id}' order by
unix_timestamp(date_created) asc");
                        while($row= $history->fetch_assoc()):
                        ?>
                        <tr>
                            <td class="py-1 px-2 text-center"><?= $i++;
?></td>
                            <td class="py-1 px-2"><?= date("M d, Y
H:i",strtotime($row['date_created'])) ?></td>
                            <td class="py-1 px-2"><?= $row['remarks']
?></td>
                            <td class="py-1 px-2">
                            <?php
                                switch ($row['status']){
                                    case 0:
                                        echo '<span class="">Pending</span>';
                                        break;
                                    case 1:
                                        echo '<span class">Approved</span>';
                                        break;
                                    case 2:
                                        echo '<span class">Sample
Collected</span>';
                                        break;
                                    case 3:
                                        echo '<span class="rounde">Delivered to
Lab</span>';
                                        break;
                                    case 4:
                                        echo '<span class">Done</span>';
                                        break;
                                    case 5:
                                        echo '<span class">Cancelled</span>';
                                        break;
                                    case 6:
                                        echo '<span class">Report
Uploaded</span>';
```
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```
                                break;
                            }
                        ?>
                        </td>
                    </tr>
                    <?php endwhile; ?>
                    <?php if($history->num_rows <=0): ?>
                        <tr>
                            <th class="py-1 text-center" colspan="4">No
Data</th>
                        </tr>
                    <?php endif; ?>
                    <?php else: ?>
                        <tr>
                            <th class="py-1 text-center" colspan="4">No
Data</th>
                        </tr>
                    <?php endif; ?>
                </tbody>
            </table>
        </fieldset>
      </div>
    </div>
  </div>
</div>

<script>
  $(function(){
    $('#delete_data').click(function(){
                _conf("Are you sure to delete this Appointment
permanently?","delete_appointment",['<?= isset($id) ? $id : '' ?>'])
        })
    $('#edit_data').click(function(){
                uni_modal("Update Appointment
Details","appointments/manage_appointment.php?id=<?= isset($id)
? $id : '' ?>",'mid-large')
        })
    $('#update_status').click(function(){
                uni_modal("Update Appointment's
Status","appointments/update_status.php?id=<?= isset($id) ? $id : ''
?>",'mid-large')
        })
    $('#upload_report').click(function(){
```

```php
                                uni_modal("Upload Test
Result/Report","appointments/upload.php?id=<?= isset($id) ? $id : ''
?>",'mid-large')
                    })
        })
        function delete_appointment($id){
                        start_loader();
                        $.ajax({

        url:base_url+"classes/Master.php?f=delete_appointment",
                                method:"POST",
                                data:{id: $id},
                                dataType:"json",
                                error:err=>{
                                        console.log(err)
                                        alert_toast("An error occured.",'error');
                                        end_loader();
                                },
                                success:function(resp){
                                        if(typeof resp== 'object' && resp.status ==
'success'){

        location.href="./?page=appointments";
                                        }else{
                                                alert_toast("An error
occured.",'error');

                                                end_loader();
                                        }
                                }
                        })
            }
</script>
```

4. CLIENT MODULE CLASS

4.1. Index Page

```
<style>
  .img-thumb-path{
    width:100px;
    height:80px;
    object-fit:scale-down;
    object-position:center center;
  }
</style>
<div class="card card-outline card-primary rounded-0 shadow">
  <div class="card-header">
        <h3 class="card-title">List of Registered Users</h3>
  </div>
  <div class="card-body">
        <div class="container-fluid">
      <div class="container-fluid">
                  <table class="table table-bordered table-hover
table-striped">
                        <colgroup>
                              <col width="5%">
                              <col width="20%">
                              <col width="25%">
                              <col width="30%">
                              <col width="10%">
                              <col width="10%">
                        </colgroup>
                        <thead>
                              <tr class="bg-gradient-primary
text-light">
                                    <th>#</th>
                                    <th>Date Registered</th>
                                    <th>Name</th>
                                    <th>Email</th>
                                    <th>Contact</th>
                                    <th>Action</th>
                              </tr>
                        </thead>
                        <tbody>
                              <?php
                                    $i = 1;
```

```php
                                                $qry = $conn-
>query("SELECT *,CONCAT(firstname,' ',middlename,' ',
lastname) as fullname from `client_list` order by
CONCAT(firstname,' ',middlename,' ', lastname) asc ");
                                                while($row = $qry-
>fetch_assoc()):
                                        ?>
                                        <tr>
                                                <td class="text-
center"><?php echo $i++; ?></td>
                                                <td class=""><?php
echo date("Y-m-d H:i",strtotime($row['date_created'])) ?></td>
                                                <td class=""><p
class="m-0 truncate-1"><?php echo $row['fullname'] ?></p></td>
                                                <td class=""><p
class="m-0 truncate-1"><?php echo $row['email'] ?></p></td>
                                                <td class=""><p
class="m-0 truncate-1"><?php echo $row['contact'] ?></p></td>
                                                <td align="center">
                                                        <button
type="button" class="btn btn-flat btn-default btn-sm dropdown-
toggle dropdown-icon" data-toggle="dropdown">
                                                        Action
                                                        <span class="sr-only">Toggle
Dropdown</span>
                                                        </button>
                                                        <div class="dropdown-menu"
role="menu">
                                                                <a
class="dropdown-item view_data" href="javascript:void(0)" data-id
="<?php echo $row['id'] ?>"><span class="fa fa-eye text-
dark"></span> View</a>
                                                                <div class="dropdown-
divider"></div>
                                                                <a class="dropdown-item
delete_data" href="javascript:void(0)" data-id="<?php echo
$row['id'] ?>"><span class="fa fa-trash text-danger"></span>
Delete</a>
                                                        </div>
                                                </td>
                                        </tr>
                                <?php endwhile; ?>
                        </tbody>
                </table>
                        100
```

```
            </div>
            </div>
        </div> </div>
<script>
    $(document).ready(function(){
            $('.delete_data').click(function(){
                    _conf("Are you sure to delete this User
permanently?","delete_client",[$(this).attr('data-id')])
            })
            $('.view_data').click(function(){
                    uni_modal("Client
Details","clients/view_client.php?id="+$(this).attr('data-id'))
            })
            $('.table td, .table th').addClass('py-1 px-2 align-middle')
            $('.table').dataTable({
        columnDefs: [
            { orderable: false, targets: 5 }
          ],
      });   })
    function delete_client($id){
            start_loader();
            $.ajax({
                    url:base_url+"classes/Users.php?f=delete_client",
                    method:"POST",
                    data:{id: $id},
                    dataType:"json",
                    error:err=>{
                            console.log(err)
                            alert_toast("An error occured.",'error');
                            end_loader();
                    },
                    success:function(resp){
                            if(typeof resp== 'object' && resp.status ==
'success'){
                                    location.reload();
                            }else{
                                    alert_toast("An error
occured.",'error');
                                    end_loader();
                            }
                    }
            })
    }
</script>
```

4.2. View Client Page

```php
<?php
require_once('./../../config.php');
if(isset($_GET['id'])){
    $qry = $conn->query("SELECT *,CONCAT(firstname,'
',middlename,' ', lastname) as fullname FROM `client_list` where id
= '{$_GET['id']}'");
    if($qry->num_rows > 0){
        $res = $qry->fetch_array();
        foreach($res as $k => $v){
            if(!is_numeric($k))
            $$k = $v;
        }
    }
}
?>
<style>
    #uni_modal .modal-footer{
        display:none;
    }
    #client-img{
        height:200px;
        width:200px;
        object-fit: scale-down;
        object-position:center center;
    }
</style>
<div class="container-fluid">
    <div class="row justify-content-center">
        <div class="col-auto">
            <img src="<?= validate_image(isset($avatar) ? $avatar : "")
?>" alt="Client Image" class="img-circle border bg-gradient-dark"
id="client-img">
        </div>
    </div>
    <div class="row">
        <div class="col-md-12">
            <dl>
                <dt class="text-muted">Name</dt>
                <dd class='pl-4 fs-4 fw-bold'><?= isset($fullname) ?
$fullname : 'N/A' ?></dd>
                <dt class="text-muted">Gender</dt>
```

```html
            <dd class='pl-4 fs-4 fw-bold'><?= isset($gender) ?
$gender : 'N/A' ?></dd>
            <dt class="text-muted">Birthday</dt>
            <dd class='pl-4 fs-4 fw-bold'><?= isset($dob) ? $dob :
'N/A' ?></dd>
            <dt class="text-muted">Contact #</dt>
            <dd class='pl-4 fs-4 fw-bold'><?= isset($contact ) ?
$contact  : 'N/A' ?></dd>
            <dt class="text-muted">Email</dt>
            <dd class='pl-4 fs-4 fw-bold'><?= isset($email) ? $email :
'N/A' ?></dd>
            <dt class="text-muted">Address</dt>
            <dd class='pl-4 fs-4 fw-bold'><?= isset($address) ?
$address : 'N/A' ?></dd>
          </dl>
        </div>
    </div>
    <div class="text-right">
        <button class="btn btn-flat btn-dark btn-sm" type="button"
data-dismiss="modal"><i class="fa fa-times"></i> Close</button>
    </div>
</div>
```

5. USER MODULE CLASS

5.1. Index Page

```php
<?php
$user = $conn->query("SELECT * FROM users where id
='".$_settings->userdata('id')."'");
foreach($user->fetch_array() as $k =>$v){
    $meta[$k] = $v;
}
?>
<?php if($_settings->chk_flashdata('success')): ?>
<script>
    alert_toast("<?php echo $_settings->flashdata('success')
?>",'success')
</script>
<?php endif;?>
```

```html
<div class="card card-outline card-primary">
   <div class="card-body">
            <div class="container-fluid">
                    <div id="msg"></div>
                    <form action="" id="manage-user">
                            <input type="hidden" name="id"
value="<?php echo $_settings->userdata('id') ?>">
                            <div class="form-group">
                                    <label for="name">First
Name</label>
                                    <input type="text"
name="firstname" id="firstname" class="form-control"
value="<?php echo isset($meta['firstname']) ? $meta['firstname']: ''
?>" required>
                            </div>
                            <div class="form-group">
                                    <label for="name">Last
Name</label>
                                    <input type="text"
name="lastname" id="lastname" class="form-control"
value="<?php echo isset($meta['lastname']) ? $meta['lastname']: ''
?>" required>
                            </div>
                            <div class="form-group">
                                    <label
for="username">Username</label>
                                    <input type="text"
name="username" id="username" class="form-control"
value="<?php echo isset($meta['username']) ? $meta['username']: ''
?>" required  autocomplete="off">
                            </div>
                            <div class="form-group">
                                    <label
for="password">Password</label>
                                    <input type="password"
name="password" id="password" class="form-control" value=""
autocomplete="off">
                                    <small><i>Leave this blank if you
dont want to change the password.</i></small>
                            </div>
                            <div class="form-group">
                                    <label for="" class="control-
label">Avatar</label>
                                    <div class="custom-file">
```
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```
                    <input type="file" class="custom-file-input
rounded-circle" id="customFile" name="img"
onchange="displayImg(this,$(this))">
                    <label class="custom-file-label"
for="customFile">Choose file</label>
                </div>
                    </div>
                    <div class="form-group d-flex justify-
content-center">
                        <img src="<?php echo
validate_image(isset($meta['avatar']) ? $meta['avatar'] :'') ?>" alt=""
id="cimg" class="img-fluid img-thumbnail">
                    </div>
                </form>
            </div>
        </div>
        <div class="card-footer">
                    <div class="col-md-12">
                        <div class="row">
                            <button class="btn btn-sm btn-
primary" form="manage-user">Update</button>
                        </div>
                    </div>
            </div>
</div>
<style>
    img#cimg{
            height: 15vh;
            width: 15vh;
            object-fit: cover;
            border-radius: 100% 100%;
    }
</style>
<script>
    function displayImg(input,_this) {
        if (input.files && input.files[0]) {
            var reader = new FileReader();
            reader.onload = function (e) {
                $('#cimg').attr('src', e.target.result);
            }

            reader.readAsDataURL(input.files[0]);
        }
    }
```

```javascript
$('#manage-user').submit(function(e){
        e.preventDefault();
var _this = $(this)
        start_loader()
        $.ajax({
                url:base_url+'classes/Users.php?f=save',
                data: new FormData($(this)[0]),
          cache: false,
          contentType: false,
          processData: false,
          method: 'POST',
          type: 'POST',
              success:function(resp){
                      if(resp ==1){
                              location.reload()
                      }else{
                              $('#msg').html('<div class="alert
alert-danger">Username already exist</div>')
                              end_loader()
                      }
              }
        })
    })

</script>
```

5.2. List Page

```php
<?php if($_settings->chk_flashdata('success')): ?>
<script>
    alert_toast("<?php echo $_settings->flashdata('success')
?>",'success')
</script>
<?php endif;?>

<style>
    .img-avatar{
      width:45px;
      height:45px;
      object-fit:cover;
      object-position:center center;
```

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```
      border-radius:100%;
    }
</style>
<div class="card card-outline card-primary">
   <div class="card-header">
           <h3 class="card-title">List of System Users</h3>
           <div class="card-tools">
                   <a href="?page=user/manage_user" class="btn
btn-flat btn-primary"><span class="fas fa-plus"></span> Create
New</a>
           </div>
   </div>
   <div class="card-body">
           <div class="container-fluid">
     <div class="container-fluid">
                   <table class="table table-hover table-striped">
                           <!-- <colgroup>
                                   <col width="5%">
                                   <col width="10%">
                                   <col width="20%">
                                   <col width="20%">
                                   <col width="15%">
                                   <col width="15%">
                                   <col width="10%">
                           </colgroup> -->
                           <thead>
                                   <tr>
                                           <th>#</th>
                                           <th>Avatar</th>
                                           <th>Name</th>
                                           <th>Username</th>
                                           <th>User Type</th>
                                           <th>Action</th>
                                   </tr>
                           </thead>
                           <tbody>
                                   <?php
                                           $i = 1;
                                           $qry = $conn-
>query("SELECT *,concat(firstname,' ',lastname) as name from
`users` where id != '1' order by concat(firstname,' ',lastname) asc ");
                                           while($row = $qry-
>fetch_assoc()):
                                   ?>
                                   107
```

```php
                                                    <tr>
                                                        <td class="text-
center"><?php echo $i++; ?></td>
                                                        <td class="text-
center"><img src="<?php echo validate_image($row['avatar']) ?>"
class="img-avatar img-thumbnail p-0 border-2"
alt="user_avatar"></td>
                                                        <td><?php echo
ucwords($row['name']) ?></td>
                                                        <td ><p class="m-0
truncate-1"><?php echo $row['username'] ?></p></td>
                                                        <td ><p class="m-
0"><?php echo ($row['type'] == 1 )? "Adminstrator" : "Staff"
?></p></td>
                                                        <td align="center">
                                                            <button
type="button" class="btn btn-flat btn-default btn-sm dropdown-
toggle dropdown-icon" data-toggle="dropdown">
                                                                Action
                                                    <span class="sr-only">Toggle
Dropdown</span>
                                                            </button>
                                                            <div class="dropdown-menu"
role="menu">
                                                                <a class="dropdown-item"
href="?page=user/manage_user&id=<?php echo $row['id']
?>"><span class="fa fa-edit text-primary"></span> Edit</a>
                                                                <div class="dropdown-
divider"></div>

    <?php if($row['status'] != 1): ?>
                                                                <a class="dropdown-item
verify_user" href="javascript:void(0)" data-id="<?= $row['id'] ?>"
data-name="<?= $row['username'] ?>"><span class="fa fa-check
text-primary"></span> Verify</a>
                                                                <div class="dropdown-
divider"></div>

    <?php endif; ?>
                                                                <a class="dropdown-item
delete_data" href="javascript:void(0)" data-id="<?php echo
$row['id'] ?>"><span class="fa fa-trash text-danger"></span>
Delete</a>
                                                            </div>
```

```
                                                    </td>
                                                </tr>
                                            <?php endwhile; ?>
                                        </tbody>
                                    </table>
                        </div>
                        </div>
                </div>
            </div>
            <script>
                $(document).ready(function(){
                        $('.delete_data').click(function(){
                                _conf("Are you sure to delete this User
permanently?","delete_user",[$(this).attr('data-id')])
                        })
                        $('.table td,.table th').addClass('py-1 px-2 align-middle')
                        $('.table').dataTable();
                        $('.verify_user').click(function(){
                                _conf("Are you sure to verify
<b>"+$(this).attr('data-
name')+"<b/>?","verify_user",[$(this).attr('data-id')])
                        })
                })
                function delete_user($id){
                        start_loader();
                        $.ajax({
                                url:base_url+"classes/Users.php?f=delete",
                                method:"POST",
                                data:{id: $id},
                                dataType:"json",
                                error:err=>{
                                        console.log(err)
                                        alert_toast("An error occured.",'error');
                                        end_loader();
                                },
                                success:function(resp){
                                        if(typeof resp== 'object' && resp.status ==
'success'){
                                                location.reload();
                                        }else{
                                                alert_toast("An error
occured.",'error');
                                                end_loader();
                                        }
                                        109
```

```
                                  }
                           })
                    }
              function verify_user($id){
                     start_loader();
                     $.ajax({
                            url:base_url+"classes/Users.php?f=verify_user",
                            method:"POST",
                            data:{id: $id},
                            dataType:"json",
                            error:err=>{
                                   console.log(err)
                                   alert_toast("An error occured.",'error');
                                   end_loader();
                            },
                            success:function(resp){
                                   if(typeof resp== 'object' && resp.status ==
'success'){
                                          location.reload();
                                   }else{
                                          alert_toast("An error
occured.",'error');

                                          end_loader();
                                   }
                            }
                     })
              }
       </script>
```

5.3.   Manage User Page

```
<?php
if(isset($_GET['id']) && $_GET['id'] > 0){
   $user = $conn->query("SELECT * FROM users where id
='{$_GET['id']}'");
   foreach($user->fetch_array() as $k =>$v){
      $meta[$k] = $v;
   }
}
?>
<?php if($_settings->chk_flashdata('success')): ?>
```

```php
<script>
   alert_toast("<?php echo $_settings->flashdata('success')
?>",'success')
</script>
<?php endif;?>
<div class="card card-outline card-primary">
   <div class="card-body">
         <div class="container-fluid">
               <div id="msg"></div>
               <form action="" id="manage-user">
                     <input type="hidden" name="id"
value="<?php echo isset($meta['id']) ? $meta['id']: '' ?>">
                     <div class="form-group col-6">
                           <label for="name">First
Name</label>
                           <input type="text"
name="firstname" id="firstname" class="form-control"
value="<?php echo isset($meta['firstname']) ? $meta['firstname']: ''
?>" required>
                     </div>
                     <div class="form-group col-6">
                           <label for="name">Last
Name</label>
                           <input type="text"
name="lastname" id="lastname" class="form-control"
value="<?php echo isset($meta['lastname']) ? $meta['lastname']: ''
?>" required>
                     </div>
                     <div class="form-group col-6">
                           <label
for="username">Username</label>
                           <input type="text"
name="username" id="username" class="form-control"
value="<?php echo isset($meta['username']) ? $meta['username']: ''
?>" required  autocomplete="off">
                     </div>
                     <div class="form-group col-6">
                           <label
for="password">Password</label>
                           <input type="password"
name="password" id="password" class="form-control" value=""
autocomplete="off" <?php echo isset($meta['id']) ? "": 'required' ?>>
         <?php if(isset($_GET['id'])): ?>
```

111

```html
                                        <small class="text-info"><i>Leave
this blank if you dont want to change the password.</i></small>
                <?php endif; ?>
                            </div>
                            <div class="form-group col-6">
                                <label for="type">User
Type</label>
                                <select name="type" id="type"
class="custom-select"  required>
                                    <option value="1" <?php
echo isset($meta['type']) && $meta['type'] == 1 ? 'selected': ''
?>>Administrator</option>
                                    <option value="2" <?php
echo isset($meta['type']) && $meta['type'] == 2 ? 'selected': ''
?>>Staff</option>
                                </select>
                            </div>
                            <div class="form-group col-6">
                                <label for="" class="control-
label">Avatar</label>
                                <div class="custom-file">
                    <input type="file" class="custom-file-input
rounded-circle" id="customFile" name="img"
onchange="displayImg(this,$(this))">
                    <label class="custom-file-label"
for="customFile">Choose file</label>
                </div>
                            </div>
                            <div class="form-group col-6 d-flex
justify-content-center">
                                <img src="<?php echo
validate_image(isset($meta['avatar']) ? $meta['avatar'] :'') ?>" alt=""
id="cimg" class="img-fluid img-thumbnail">
                            </div>
                    </form>
        </div>
    </div>
    <div class="card-footer">
                <div class="col-md-12">
                        <div class="row">
                                <button class="btn btn-sm btn-
primary mr-2" form="manage-user">Save</button>
                                <a class="btn btn-sm btn-
secondary" href="./?page=user/list">Cancel</a>
                            112
```

```
                              </div>
                        </div>
                  </div>
      </div>
      <style>
         img#cimg{
                  height: 15vh;
                  width: 15vh;
                  object-fit: cover;
                  border-radius: 100% 100%;
         }
      </style>
      <script>
         $(function(){
                  $('.select2').select2({
                        width:'resolve'
                  })
         })
         function displayImg(input,_this) {
           if (input.files && input.files[0]) {
              var reader = new FileReader();
              reader.onload = function (e) {
                 $('#cimg').attr('src', e.target.result);
              }

              reader.readAsDataURL(input.files[0]);
           }
         }
         $('#manage-user').submit(function(e){
                  e.preventDefault();
                  var _this = $(this)
                  start_loader()
                  $.ajax({
                        url:base_url+'classes/Users.php?f=save',
                        data: new FormData($(this)[0]),
                     cache: false,
                     contentType: false,
                     processData: false,
                     method: 'POST',
                     type: 'POST',
                        success:function(resp){
                              if(resp ==1){
                                    location.href = './?page=user/list';
                              }else{
                              113
```

```
                                        $('#msg').html('<div class="alert
alert-danger">Username already exist</div>')
                                        $("html, body").animate({
scrollTop: 0 }, "fast");
                              }
                end_loader()
                      }
                })
        })

        </script>
```

6. TEST MODULE CLASS

6.1. Index Page

```
<style>
   .img-thumb-path{
      width:100px;
      height:80px;
      object-fit:scale-down;
      object-position:center center;
   }
</style>
<div class="card card-outline card-primary rounded-0 shadow">
   <div class="card-header">
           <h3 class="card-title">List of Tests</h3>
           <div class="card-tools">
                   <a href="javascript:void(0)" id="create_new"
class="btn btn-flat btn-sm btn-primary"><span class="fas fa-
plus"></span>  Add New Test</a>
           </div>
   </div>
   <div class="card-body">
           <div class="container-fluid">
      <div class="container-fluid">
                   <table class="table table-bordered table-hover
table-striped">
```

114

```html
<colgroup>
    <col width="5%">
    <col width="20%">
    <col width="25%">
    <col width="20%">
    <col width="15%">
    <col width="15%">
</colgroup>
<thead>
    <tr class="bg-gradient-primary text-light">
        <th>#</th>
        <th>Date Created</th>
        <th>Name</th>
        <th>Price</th>
        <th>Status</th>
        <th>Action</th>
    </tr>
</thead>
<tbody>
    <?php
        $i = 1;
        $qry = $conn->query("SELECT * from `test_list` where delete_flag = 0 order by `name` asc ");
        while($row = $qry->fetch_assoc()):
    ?>
        <tr>
            <td class="text-center"><?php echo $i++; ?></td>
            <td class=""><?php echo date("Y-m-d H:i",strtotime($row['date_created'])) ?></td>
            <td class=""><p class="m-0 truncate-1"><?php echo $row['name'] ?></p></td>
            <td class=""><?= number_format($row['cost'],2) ?></td>
            <td class="text-center">
                <?php
                    switch ($row['status']){
                        case 0:
```
115

```php
            echo '<span class="rounded-pill badge badge-danger col-6">Inactive</span>';

        break;

    case 1:

        echo '<span class="rounded-pill badge badge-primary col-6">Active</span>';

        break;
                                            }
                                        ?>
                                    </td>
                                    <td align="center">
                                        <button type="button" class="btn btn-flat btn-default btn-sm dropdown-toggle dropdown-icon" data-toggle="dropdown">
                                            Action
                                            <span class="sr-only">Toggle Dropdown</span>
                                        </button>
                                        <div class="dropdown-menu" role="menu">
                                            <a class="dropdown-item view_data" href="javascript:void(0)" data-id ="<?php echo $row['id'] ?>"><span class="fa fa-eye text-dark"></span> View</a>
                                            <div class="dropdown-divider"></div>
                                            <a class="dropdown-item edit_data" href="javascript:void(0)" data-id ="<?php echo $row['id'] ?>"><span class="fa fa-edit text-primary"></span> Edit</a>
                                            <div class="dropdown-divider"></div>
                                            <a class="dropdown-item delete_data" href="javascript:void(0)" data-id="<?php echo $row['id'] ?>"><span class="fa fa-trash text-danger"></span> Delete</a>
                                        </div>
                                    </td>
                                </tr>
                            <?php endwhile; ?>
```

116

```
                                    </tbody>
                            </table>
                    </div>
                    </div>
            </div>
    </div>
    <script>
        $(document).ready(function(){
            $('#create_new').click(function(){
                            uni_modal("Add New
Test","tests/manage_test.php")
                    })
                    $('.view_data').click(function(){
                            uni_modal("Test
Details","tests/view_test.php?id="+$(this).attr('data-id'))
                    })
            $('.edit_data').click(function(){
                            uni_modal("Update Test
Details","tests/manage_test.php?id="+$(this).attr('data-id'))
                    })
                    $('.delete_data').click(function(){
                            _conf("Are you sure to delete this Test
permanently?","delete_test",[$(this).attr('data-id')])
                    })
                    $('.table td, .table th').addClass('py-1 px-2 align-middle')
                    $('.table').dataTable({
                columnDefs: [
                    { orderable: false, targets: 5 }
                ],
            });
        })
        function delete_test($id){
                    start_loader();
                    $.ajax({
                            url:base_url+"classes/Master.php?f=delete_test",
                            method:"POST",
                            data:{id: $id},
                            dataType:"json",
                            error:err=>{
                                    console.log(err)
                                    alert_toast("An error occured.",'error');
                                    end_loader();
                            },
                            success:function(resp){
                                    117
```

```
                                   if(typeof resp== 'object' && resp.status ==
'success'){

                                           location.reload();
                                   }else{
                                           alert_toast("An error
occured.",'error');

                                           end_loader();
                                   }
                        }
                  })
           }
     </script>
```

6.2.   MANAGE TEST PAGE

```php
<?php
require_once('../../config.php');
if(isset($_GET['id'])){
   $qry = $conn->query("SELECT * FROM `test_list` where id =
'{$_GET['id']}'");
   if($qry->num_rows > 0){
      $res = $qry->fetch_array();
      foreach($res as $k => $v){
         if(!is_numeric($k))
         $$k = $v;
      }
   }
}
?>
<style>
   img#cimg{
           height: 17vh;
           width: 25vw;
           object-fit: scale-down;
      }
</style>
<div class="container-fluid">
   <form action="" id="test-form">
      <input type="hidden" name="id" value="<?php echo isset($id)
? $id : '' ?>">
```

118

```html
        <div class="form-group">
          <label for="name" class="control-label">Name</label>
          <select name="status" id="status" class="form-control form-
control-border" placeholder="Enter test Name" required>
              <option value="1" <?= isset($status) && $status == 1 ?
'selected' : "" ?>>Choose one</option>
              <option value="0" <?= isset($status) && $status == 0 ?
'selected' : "" ?>>Blood</option>
              <option value="0" <?= isset($status) && $status == 0 ?
'selected' : "" ?>>Urine</option>
              <option value="0" <?= isset($status) && $status == 0 ?
'selected' : "" ?>>Both</option>
            </select>
          <input type="text" name="name" id="name" class="form-
control form-control-border" placeholder="Enter Test Name" value
="<?php echo isset($name) ? $name : " ?>" required>
        </div>
        <div class="form-group">
          <label for="cost" class="control-label">Price</label>
          <input type="number" step="any" name="cost" id="cost"
class="form-control form-control-border text-right" value ="<?php
echo isset($cost) ? $cost : 0 ?>" required>
        </div>
        <div class="form-group">
          <label for="description" class="control-
label">Description</label>
          <textarea rows="3" name="description" id="description"
class="form-control form-control-sm rounded-0" required><?php
echo isset($description) ? ($description) : " ?></textarea>
        </div>
          <div class="form-group">
            <label for="status" class="control-label">Status</label>
            <select name="status" id="status" class="form-control
form-control-border" placeholder="Enter test Name" required>
              <option value="1" <?= isset($status) && $status == 1 ?
'selected' : "" ?>>Active</option>
              <option value="0" <?= isset($status) && $status == 0 ?
'selected' : "" ?>>Inactive</option>
            </select>
          </div>

    </form>
</div>
<script>
```
119

```javascript
    function displayImg(input,_this) {
        if (input.files && input.files[0]) {
            var reader = new FileReader();
            reader.onload = function (e) {
                $('#cimg').attr('src', e.target.result);
                _this.siblings('.custom-file-
label').html(input.files[0].name)
            }

            reader.readAsDataURL(input.files[0]);
        }else{
            $('#cimg').attr('src', "<?php echo
validate_image(isset($image_path) ? $image_path : "") ?>");
            _this.siblings('.custom-file-label').html("Choose file")
        }
    }
    $(function(){
        $('#uni_modal #test-form').submit(function(e){
            e.preventDefault();
            var _this = $(this)
            $('.pop-msg').remove()
            var el = $('<div>')
                el.addClass("pop-msg alert")
                el.hide()
            start_loader();
            $.ajax({
                url:base_url+"classes/Master.php?f=save_test",
                            data: new FormData($(this)[0]),
                cache: false,
                contentType: false,
                processData: false,
                method: 'POST',
                type: 'POST',
                dataType: 'json',
                            error:err=>{
                                    console.log(err)
                                    alert_toast("An error
occured",'error');
                                    end_loader();
                            },
                success:function(resp){
                    if(resp.status == 'success'){
                        location.reload();
                    }else if(!!resp.msg){
                                120
```

```
                el.addClass("alert-danger")
                el.text(resp.msg)
                _this.prepend(el)
            }else{
                el.addClass("alert-danger")
                el.text("An error occurred due to unknown reason.")
                _this.prepend(el)
            }
            el.show('slow')
            $('html,body,.modal').animate({scrollTop:0},'fast')
            end_loader();
        }
    })
  })
})
</script>
```

6.3.   View Test Page

```php
<?php
require_once('./../../config.php');
if(isset($_GET['id'])){
    $qry = $conn->query("SELECT * FROM `test_list` where id =
'{$_GET['id']}'");
    if($qry->num_rows > 0){
        $res = $qry->fetch_array();
        foreach($res as $k => $v){
            if(!is_numeric($k))
            $$k = $v;
        }
    }
}
?>
<style>
    #uni_modal .modal-footer{
        display:none;
    }
</style>
<div class="container-fluid">
    <div class="row">
```

121

```
<dl>
    <dt class="text-muted">Test Name</dt>
    <dd class='pl-4 fs-4 fw-bold'><?= isset($name) ? $name :
'N/A' ?></dd>
    <dt class="text-muted">Cost</dt>
    <dd class='pl-4 fs-4 fw-bold'><?= isset($cost) ?
number_format($cost,2) : '0.00' ?></dd>
    <dt class="text-muted">Status</dt>
    <dd class='pl-4 fs-4 fw-bold'>
        <?php
            if(isset($status)){
                switch($status){
                    case '1':
                        echo '<span class="px-4 badge badge-primary
rounded-pill">Active</span>' ;
                        break;
                    case '0':
                        echo '<span class="px-4 badge badge-danger
rounded-pill">Inactive</span>' ;
                        break;
                }
            }

        ?>
    </dd>
</dl>
</div>
<div class="row">
    <div class="col-md-12">
        <small class="text-muted">Description</small>
        <div><?= isset($description) ? ($description) : "N/A"
?></div>
    </div>
</div>
<div class="text-right">
    <button class="btn btn-dark btn-sm btn-flat" type="button"
data-dismiss="modal"><i class="fa fa-close"></i> Close</button>
</div>
</div>
```

7. SYSTEM INFO MODULE CLASS

7.1. Index Page

```php
<?php if($_settings->chk_flashdata('success')): ?>
<script>
    alert_toast("<?php echo $_settings->flashdata('success')
?>",'success')
</script>
<?php endif;?>

<style>
    img#cimg{
            height: 15vh;
            width: 15vh;
            object-fit: scale-down;
            border-radius: 100% 100%;
    }
    img#cimg2{
            height: 50vh;
            width: 100%;
            object-fit: contain;
            /* border-radius: 100% 100%; */
    }
</style>
<div class="col-lg-12">
    <div class="card card-outline card-dark rounded-0 shadow">
            <div class="card-header">
                    <h5 class="card-title">System Information</h5>
                    <!-- <div class="card-tools">
                            <a class="btn btn-block btn-sm btn-default
btn-flat border-primary new_department"
href="javascript:void(0)"><i class="fa fa-plus"></i> Add New</a>
                    </div> -->
            </div>
            <div class="card-body">
                    <form action="" id="system-frm">
                    <div id="msg" class="form-group"></div>
                    <div class="form-group">
                            <label for="name" class="control-
label">System Name</label>
```

123

```html
                                    <input type="text" class="form-control
form-control-sm" name="name" id="name" value="<?php echo
$_settings->info('name') ?>">
                    </div>
                    <div class="form-group">
                            <label for="short_name" class="control-
label">System Short Name</label>
                            <input type="text" class="form-control
form-control-sm" name="short_name" id="short_name"
value="<?php echo  $_settings->info('short_name') ?>">
                    </div>
                    <div class="form-group">
                            <label for="" class="control-
label">System Logo</label>
                            <div class="custom-file">
            <input type="file" class="custom-file-input rounded-
circle" id="customFile" name="img"
onchange="displayImg(this,$(this))">
            <label class="custom-file-label"
for="customFile">Choose file</label>
        </div>
                    </div>
                    <div class="form-group d-flex justify-content-
center">
                            <img src="<?php echo
validate_image($_settings->info('logo')) ?>" alt="" id="cimg"
class="img-fluid img-thumbnail">
                    </div>
                    <div class="form-group">
                            <label for="" class="control-
label">Cover</label>
                            <div class="custom-file">
            <input type="file" class="custom-file-input rounded-
circle" id="customFile" name="cover"
onchange="displayImg2(this,$(this))">
            <label class="custom-file-label"
for="customFile">Choose file</label>
        </div>
                    </div>
                    <div class="form-group d-flex justify-content-
center">
                            <img src="<?php echo
validate_image($_settings->info('cover')) ?>" alt="" id="cimg2"
class="img-fluid img-thumbnail bg-gradient-dark border-dark">
```
124

```
                    </div>
                    </form>
            </div>
            <div class="card-footer">
                    <div class="col-md-12">
                            <div class="row">
                                    <button class="btn btn-sm btn-
primary" form="system-frm">Update</button>
                            </div>
                    </div>
            </div>

    </div>
</div>
<script>
    function displayImg(input,_this) {
        if (input.files && input.files[0]) {
            var reader = new FileReader();
            reader.onload = function (e) {
                $('#cimg').attr('src', e.target.result);
                _this.siblings('.custom-file-
label').html(input.files[0].name)
            }

            reader.readAsDataURL(input.files[0]);
        }
    }
    function displayImg2(input,_this) {
        if (input.files && input.files[0]) {
            var reader = new FileReader();
            reader.onload = function (e) {
                _this.siblings('.custom-file-
label').html(input.files[0].name)
                $('#cimg2').attr('src', e.target.result);
            }

            reader.readAsDataURL(input.files[0]);
        }
    }
    function displayImg3(input,_this) {
        if (input.files && input.files[0]) {
            var reader = new FileReader();
            reader.onload = function (e) {
```

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```
                    _this.siblings('.custom-file-
            label').html(input.files[0].name)
                        $('#cimg3').attr('src', e.target.result);
                    }

                    reader.readAsDataURL(input.files[0]);
                }
            }
        $(document).ready(function(){
                $('.summernote').summernote({
                    height: '60vh',
                    toolbar: [
                        [ 'style', [ 'style' ] ],
                        [ 'font', [ 'bold', 'italic', 'underline', 'strikethrough',
            'superscript', 'subscript', 'clear'] ],
                        [ 'fontname', [ 'fontname' ] ],
                        [ 'fontsize', [ 'fontsize' ] ],
                        [ 'color', [ 'color' ] ],
                        [ 'para', [ 'ol', 'ul', 'paragraph', 'height' ] ],
                        [ 'table', [ 'table' ] ],
                                        ['insert', ['link', 'picture']],
                        [ 'view', [ 'undo', 'redo', 'fullscreen', 'codeview',
            'help' ] ]
                    ]
                })
            })
        </script>
```

8. SYSTEM INC MODULE CLASS

8.1.   Default Nav Page

```
<!-- Navbar -->
  <nav class="main-header navbar navbar-expand-md navbar-light
navbar-white">
    <div class="container">
      <a href="<?php echo base_url ?>index3.html" class="navbar-
brand">
```

```html
    <img src="<?php echo base_url
?>dist/img/AdminLTELogo.png" alt="AdminLTE Logo"
class="brand-image img-circle elevation-3" style="opacity: .8">
    <span class="brand-text font-weight-light">AdminLTE
3</span>
    </a>

    <button class="navbar-toggler order-1" type="button" data-
toggle="collapse" data-target="#navbarCollapse" aria-
controls="navbarCollapse" aria-expanded="false" aria-
label="Toggle navigation">
    <span class="navbar-toggler-icon"></span>
    </button>

    <div class="collapse navbar-collapse order-3"
id="navbarCollapse">
    <!-- Left navbar links -->
    <ul class="navbar-nav">
      <li class="nav-item">
        <a href="index3.html" class="nav-link">Home</a>
      </li>
      <li class="nav-item">
        <a href="#" class="nav-link">Contact</a>
      </li>
      <li class="nav-item dropdown">
        <a id="dropdownSubMenu1" href="#" data-
toggle="dropdown" aria-haspopup="true" aria-expanded="false"
class="nav-link dropdown-toggle">Dropdown</a>
        <ul aria-labelledby="dropdownSubMenu1"
class="dropdown-menu border-0 shadow">
          <li><a href="#" class="dropdown-item">Some action
</a></li>
          <li><a href="#" class="dropdown-item">Some other
action</a></li>

          <li class="dropdown-divider"></li>

          <!-- Level two dropdown-->
          <li class="dropdown-submenu dropdown-hover">
          <a id="dropdownSubMenu2" href="#" role="button" data-
toggle="dropdown" aria-haspopup="true" aria-expanded="false"
class="dropdown-item dropdown-toggle">Hover for action</a>
            <ul aria-labelledby="dropdownSubMenu2"
class="dropdown-menu border-0 shadow">
```
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```html
            <li>
              <a tabindex="-1" href="#" class="dropdown-
item">level 2</a>
            </li>

            <!-- Level three dropdown-->
            <li class="dropdown-submenu">
              <a id="dropdownSubMenu3" href="#" role="button"
data-toggle="dropdown" aria-haspopup="true" aria-
expanded="false" class="dropdown-item dropdown-toggle">level
2</a>
              <ul aria-labelledby="dropdownSubMenu3"
class="dropdown-menu border-0 shadow">
                <li><a href="#" class="dropdown-item">3rd
level</a></li>
                <li><a href="#" class="dropdown-item">3rd
level</a></li>
              </ul>
            </li>
            <!-- End Level three -->

            <li><a href="#" class="dropdown-item">level
2</a></li>
            <li><a href="#" class="dropdown-item">level
2</a></li>
          </ul>
        </li>
        <!-- End Level two -->
      </ul>
     </li>
    </ul>

    <!-- SEARCH FORM -->
    <form class="form-inline ml-0 ml-md-3">
      <div class="input-group input-group-sm">
        <input class="form-control form-control-navbar"
type="search" placeholder="Search" aria-label="Search">
        <div class="input-group-append">
          <button class="btn btn-navbar" type="submit">
            <i class="fas fa-search"></i>
          </button>
        </div>
      </div>
    </form>
```

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```html
        </div>

        <!-- Right navbar links -->
        <ul class="order-1 order-md-3 navbar-nav navbar-no-expand
ml-auto">
          <!-- Messages Dropdown Menu -->
          <li class="nav-item dropdown">
            <a class="nav-link" data-toggle="dropdown" href="#">
              <i class="fas fa-comments"></i>
              <span class="badge badge-danger navbar-badge">3</span>
            </a>
            <div class="dropdown-menu dropdown-menu-lg dropdown-
menu-right">
              <a href="#" class="dropdown-item">
                <!-- Message Start -->
                <div class="media">
                  <img src="<?php echo base_url ?>dist/img/user1-
128x128.jpg" alt="User Avatar" class="img-size-50 mr-3 img-
circle">
                  <div class="media-body">
                    <h3 class="dropdown-item-title">
                      Brad Diesel
                      <span class="float-right text-sm text-danger"><i
class="fas fa-star"></i></span>
                    </h3>
                    <p class="text-sm">Call me whenever you can...</p>
                    <p class="text-sm text-muted"><i class="far fa-clock mr-
1"></i> 4 Hours Ago</p>
                  </div>
                </div>
                <!-- Message End -->
              </a>
              <div class="dropdown-divider"></div>
              <a href="#" class="dropdown-item">
                <!-- Message Start -->
                <div class="media">
                  <img src="<?php echo base_url ?>dist/img/user8-
128x128.jpg" alt="User Avatar" class="img-size-50 img-circle mr-
3">
                  <div class="media-body">
                    <h3 class="dropdown-item-title">
                      John Pierce
                      <span class="float-right text-sm text-muted"><i
class="fas fa-star"></i></span>
```
129

```html
            </h3>
            <p class="text-sm">I got your message bro</p>
            <p class="text-sm text-muted"><i class="far fa-clock mr-
1"></i> 4 Hours Ago</p>
          </div>
        </div>
        <!-- Message End -->
      </a>
      <div class="dropdown-divider"></div>
      <a href="#" class="dropdown-item">
        <!-- Message Start -->
        <div class="media">
          <img src="<?php echo base_url ?>dist/img/user3-
128x128.jpg" alt="User Avatar" class="img-size-50 img-circle mr-
3">
          <div class="media-body">
            <h3 class="dropdown-item-title">
              Nora Silvester
              <span class="float-right text-sm text-warning"><i
class="fas fa-star"></i></span>
            </h3>
            <p class="text-sm">The subject goes here</p>
            <p class="text-sm text-muted"><i class="far fa-clock mr-
1"></i> 4 Hours Ago</p>
          </div>
        </div>
        <!-- Message End -->
      </a>
      <div class="dropdown-divider"></div>
      <a href="#" class="dropdown-item dropdown-footer">See
All Messages</a>
    </div>
  </li>
  <!-- Notifications Dropdown Menu -->
  <li class="nav-item dropdown">
    <a class="nav-link" data-toggle="dropdown" href="#">
      <i class="far fa-bell"></i>
      <span class="badge badge-warning navbar-
badge">15</span>
    </a>
    <div class="dropdown-menu dropdown-menu-lg dropdown-
menu-right">
      <span class="dropdown-header">15 Notifications</span>
      <div class="dropdown-divider"></div>
```

```
              <a href="#" class="dropdown-item">
               <i class="fas fa-envelope mr-2"></i> 4 new messages
               <span class="float-right text-muted text-sm">3
mins</span>
              </a>
              <div class="dropdown-divider"></div>
              <a href="#" class="dropdown-item">
               <i class="fas fa-users mr-2"></i> 8 friend requests
               <span class="float-right text-muted text-sm">12
hours</span>
              </a>
              <div class="dropdown-divider"></div>
              <a href="#" class="dropdown-item">
               <i class="fas fa-file mr-2"></i> 3 new reports
               <span class="float-right text-muted text-sm">2
days</span>
              </a>
              <div class="dropdown-divider"></div>
              <a href="#" class="dropdown-item dropdown-footer">See
All Notifications</a>
            </div>
          </li>
          <li class="nav-item">
           <a class="nav-link" data-widget="control-sidebar" data-
slide="true" href="#" role="button">
            <i class="fas fa-th-large"></i>
           </a>
          </li>
         </ul>
        </div>
       </nav>
```

8.2.   Footer Page

```
<script>
 $(document).ready(function(){
   window.viewer_modal = function($src = ''){
    start_loader()
    var t = $src.split('.')
    t = t[1]
    if(t =='mp4'){
```
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```javascript
        var view = $("<video src='"+$src+"' controls
autoplay></video>")
    }else{
     var view = $("<img src='"+$src+"' />")
    }
    $('#viewer_modal .modal-content video,#viewer_modal .modal-
content img').remove()
    $('#viewer_modal .modal-content').append(view)
    $('#viewer_modal').modal({
        show:true,
        backdrop:'static',
        keyboard:false,
        focus:true
       })
        end_loader()

 }
  window.uni_modal = function($title = '' , $url='',$size=""){
     start_loader()
     $.ajax({
        url:$url,
        error:err=>{
           console.log()
           alert("An error occured")
        },
        success:function(resp){
           if(resp){
              $('#uni_modal .modal-title').html($title)
              $('#uni_modal .modal-body').html(resp)
              if($size != ''){
                 $('#uni_modal .modal-dialog').addClass($size+'
modal-dialog-centered')
              }else{
                 $('#uni_modal .modal-
dialog').removeAttr("class").addClass("modal-dialog modal-md
modal-dialog-centered")
              }
              $('#uni_modal').modal({
                show:true,
                backdrop:'static',
                keyboard:false,
                focus:true
               })
              end_loader()
```
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```
                  }
                }
              })
          }
        window._conf = function($msg='',$func='',$params = []){
          $('#confirm_modal
#confirm').attr('onclick',$func+"("+$params.join(',')+")")
          $('#confirm_modal .modal-body').html($msg)
          $('#confirm_modal').modal('show')
        }
      })
</script>
<footer class="main-footer text-sm">
      <strong>Copyright © <?php echo date('Y') ?>.
      <!-- <a href=""></a> -->
      </strong>
      All rights reserved.
      <div class="float-right d-none d-sm-inline-block">
        <b><?php echo $_settings->info('short_name') ?> </b> (v1.0)
      </div>
     </footer>
    </div>
    <!-- ./wrapper -->
<div id="libraries">
    <!-- Resolve conflict in jQuery UI tooltip with Bootstrap tooltip --
>
    <script>
     $.widget.bridge('uibutton', $.ui.button)
    </script>
    <!-- Bootstrap 4 -->
    <script src="<?php echo base_url
?>plugins/bootstrap/js/bootstrap.bundle.min.js"></script>
    <!-- ChartJS -->
    <script src="<?php echo base_url
?>plugins/chart.js/Chart.min.js"></script>
    <!-- Sparkline -->
    <script src="<?php echo base_url
?>plugins/sparklines/sparkline.js"></script>
    <!-- Select2 -->
    <script src="<?php echo base_url
?>plugins/select2/js/select2.full.min.js"></script>
    <!-- JQVMap -->
    <script src="<?php echo base_url
?>plugins/jqvmap/jquery.vmap.min.js"></script>
```
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```html
    <script src="<?php echo base_url
?>plugins/jqvmap/maps/jquery.vmap.usa.js"></script>
    <!-- jQuery Knob Chart -->
    <script src="<?php echo base_url ?>plugins/jquery-
knob/jquery.knob.min.js"></script>
    <!-- daterangepicker -->
    <script src="<?php echo base_url
?>plugins/moment/moment.min.js"></script>
    <script src="<?php echo base_url
?>plugins/daterangepicker/daterangepicker.js"></script>
    <!-- Tempusdominus Bootstrap 4 -->
    <script src="<?php echo base_url ?>plugins/tempusdominus-
bootstrap-4/js/tempusdominus-bootstrap-4.min.js"></script>
    <!-- Summernote -->
    <script src="<?php echo base_url
?>plugins/summernote/summernote-bs4.min.js"></script>
    <script src="<?php echo base_url
?>plugins/datatables/jquery.dataTables.min.js"></script>
    <script src="<?php echo base_url ?>plugins/datatables-
bs4/js/dataTables.bootstrap4.min.js"></script>
    <script src="<?php echo base_url ?>plugins/datatables-
responsive/js/dataTables.responsive.min.js"></script>
    <script src="<?php echo base_url ?>plugins/datatables-
responsive/js/responsive.bootstrap4.min.js"></script>
    <script src="<?php echo base_url
?>plugins/moment/moment.min.js"></script>
    <script src="<?php echo base_url
?>plugins/fullcalendar/main.js"></script>
    <!-- overlayScrollbars -->
    <!-- <script src="<?php echo base_url
?>plugins/overlayScrollbars/js/jquery.overlayScrollbars.min.js"></s
cript> -->
    <!-- AdminLTE App -->
    <script src="<?php echo base_url ?>dist/js/adminlte.js"></script>
  </div>
    <div class="daterangepicker ltr show-ranges opensright">
     <div class="ranges">
      <ul>
        <li data-range-key="Today">Today</li>
        <li data-range-key="Yesterday">Yesterday</li>
        <li data-range-key="Last 7 Days">Last 7 Days</li>
        <li data-range-key="Last 30 Days">Last 30 Days</li>
        <li data-range-key="This Month">This Month</li>
        <li data-range-key="Last Month">Last Month</li>
```
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```html
      <li data-range-key="Custom Range">Custom Range</li>
     </ul>
    </div>
    <div class="drp-calendar left">
     <div class="calendar-table"></div>
     <div class="calendar-time" style="display: none;"></div>
    </div>
    <div class="drp-calendar right">
     <div class="calendar-table"></div>
     <div class="calendar-time" style="display: none;"></div>
    </div>
    <div class="drp-buttons"><span class="drp-
selected"></span><button class="cancelBtn btn btn-sm btn-default"
type="button">Cancel</button><button class="applyBtn btn btn-sm
btn-primary" disabled="disabled" type="button">Apply</button>
</div>
   </div>
   <div class="jqvmap-label" style="display: none; left: 1093.83px;
top: 394.361px;">Idaho</div>
```

8.3.   HEADER PAGE

```php
<?php
 require_once('sess_auth.php');

?>
<head>
 <style>
   :root{
    --base_url:<?php echo base_url ?>;
   }
 </style>
   <meta charset="utf-8">
   <meta name="viewport" content="width=device-width, initial-
scale=1">
   <title><?php echo $_settings->info('title') != false ? $_settings-
>info('title').' | ' : '' ?><?php echo $_settings->info('name') ?></title>
   <link rel="icon" href="<?php echo validate_image($_settings-
>info('logo')) ?>" />
   <!-- Google Font: Source Sans Pro -->
```

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```
<!-- <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:30
0,400,400i,700&amp;display=fallback"> -->
<!-- Font Awesome -->
<link rel="stylesheet" href="<?php echo base_url
?>plugins/fontawesome-free/css/all.min.css">
<!-- Ionicons -->
<!-- <link rel="stylesheet"
href="https://code.ionicframework.com/ionicons/2.0.1/css/ionicons.
min.css"> -->
<!-- Tempusdominus Bootstrap 4 -->
<link rel="stylesheet" href="<?php echo base_url
?>plugins/tempusdominus-bootstrap-4/css/tempusdominus-
bootstrap-4.min.css">
<!-- DataTables -->
<link rel="stylesheet" href="<?php echo base_url
?>plugins/datatables-bs4/css/dataTables.bootstrap4.min.css">
<link rel="stylesheet" href="<?php echo base_url
?>plugins/datatables-responsive/css/responsive.bootstrap4.min.css">
<link rel="stylesheet" href="<?php echo base_url
?>plugins/datatables-buttons/css/buttons.bootstrap4.min.css">
<!-- Select2 -->
<link rel="stylesheet" href="<?php echo base_url
?>plugins/select2/css/select2.min.css">
<link rel="stylesheet" href="<?php echo base_url
?>plugins/select2-bootstrap4-theme/select2-bootstrap4.min.css">
<!-- iCheck -->
<link rel="stylesheet" href="<?php echo base_url
?>plugins/icheck-bootstrap/icheck-bootstrap.min.css">
<!-- JQVMap -->
<link rel="stylesheet" href="<?php echo base_url
?>plugins/jqvmap/jqvmap.min.css">
<!-- fullCalendar -->
<link rel="stylesheet" href="<?php echo base_url
?>plugins/fullcalendar/main.css">
<!-- Theme style -->
<link rel="stylesheet" href="<?php echo base_url
?>dist/css/adminlte.css">
<link rel="stylesheet" href="<?php echo base_url
?>dist/css/custom.css">
<!-- overlayScrollbars -->
<link rel="stylesheet" href="<?php echo base_url
?>plugins/overlayScrollbars/css/OverlayScrollbars.min.css">
<!-- Daterange picker -->
```

```html
    <link rel="stylesheet" href="<?php echo base_url
?>plugins/daterangepicker/daterangepicker.css">
    <!-- summernote -->
    <link rel="stylesheet" href="<?php echo base_url
?>plugins/summernote/summernote-bs4.min.css">
     <!-- SweetAlert2 -->
  <link rel="stylesheet" href="<?php echo base_url
?>plugins/sweetalert2-theme-bootstrap-4/bootstrap-4.min.css">
    <style type="text/css">/* Chart.js */
     @keyframes chartjs-render-
animation{from{opacity:.99}to{opacity:1}}.chartjs-render-
monitor{animation:chartjs-render-animation 1ms}.chartjs-size-
monitor,.chartjs-size-monitor-expand,.chartjs-size-monitor-
shrink{position:absolute;direction:ltr;left:0;top:0;right:0;bottom:0;o
verflow:hidden;pointer-events:none;visibility:hidden;z-index:-
1}.chartjs-size-monitor-
expand>div{position:absolute;width:1000000px;height:1000000px;l
eft:0;top:0}.chartjs-size-monitor-
shrink>div{position:absolute;width:200%;height:200%;left:0;top:0}
    </style>

     <!-- jQuery -->
    <script src="<?php echo base_url
?>plugins/jquery/jquery.min.js"></script>
    <!-- jQuery UI 1.11.4 -->
    <script src="<?php echo base_url ?>plugins/jquery-ui/jquery-
ui.min.js"></script>
    <!-- SweetAlert2 -->
    <script src="<?php echo base_url
?>plugins/sweetalert2/sweetalert2.min.js"></script>
    <!-- Toastr -->
    <script src="<?php echo base_url
?>plugins/toastr/toastr.min.js"></script>
    <script>
       var base_url = '<?php echo base_url ?>';
    </script>
    <script src="<?php echo base_url ?>dist/js/script.js"></script>

  </head>
```

8.4.   Navigation Page

```
</style>
<!-- Main Sidebar Container -->
    <aside class="main-sidebar sidebar-dark-primary elevation-4
sidebar-no-expand bg-gradient-black">
    <!-- Brand Logo -->
    <a href="<?php echo base_url ?>admin" class="brand-link bg-
transparent text-sm border-info shadow-sm bg-primary">
    <img src="<?php echo validate_image($_settings-
>info('logo'))?>" alt="Store Logo" class="brand-image img-circle
elevation-3 bg-black" style="width: 1.8rem;height: 1.8rem;max-
height: unset;object-fit:scale-down;object-position:center center">
    <span class="brand-text font-weight-light"><?php echo
$_settings->info('short_name') ?></span>
    </a>
    <!-- Sidebar -->
    <div class="sidebar os-host os-theme-light os-host-overflow
os-host-overflow-y os-host-resize-disabled os-host-transition os-
host-scrollbar-horizontal-hidden">
    <div class="os-resize-observer-host observed">
    <div class="os-resize-observer" style="left: 0px; right:
auto;"></div>
    </div>
    <div class="os-size-auto-observer observed" style="height:
calc(100% + 1px); float: left;">
    <div class="os-resize-observer"></div>
    </div>
    <div class="os-content-glue" style="margin: 0px -8px; width:
249px; height: 646px;"></div>
    <div class="os-padding">
    <div class="os-viewport os-viewport-native-scrollbars-
invisible" style="overflow-y: scroll;">
    <div class="os-content" style="padding: 0px 8px; height:
100%; width: 100%;">
    <!-- Sidebar user panel (optional) -->
    <div class="clearfix"></div>
    <!-- Sidebar Menu -->
    <nav class="mt-4">
    <ul class="nav nav-pills nav-sidebar flex-column text-
sm nav-compact nav-flat nav-child-indent nav-collapse-hide-child"
data-widget="treeview" role="menu" data-accordion="false">
    <li class="nav-item dropdown">
    <a href="./" class="nav-link nav-home">
```
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```html
                            <i class="nav-icon fas fa-tachometer-alt"></i>
                            <p>
                              Dashboard
                            </p>
                          </a>
                        </li>
                        <li class="nav-item">
                          <a href="<?php echo base_url ?>admin/?page=appointments" class="nav-link nav-appointments">
                            <i class="nav-icon fas fa-calendar"></i>
                            <p>
                              Appointment List
                            </p>
                          </a>
                        </li>
                        <li class="nav-item">
                          <a href="<?php echo base_url ?>admin/?page=clients" class="nav-link nav-clients">
                            <i class="nav-icon fas fa-users"></i>
                            <p>
                              Registered Users
                            </p>
                          </a>
                        </li>
                        <?php if($_settings->userdata('type') == 1): ?>
                        <li class="nav-header">Maintenance</li>
                        <li class="nav-item dropdown">
                          <a href="<?php echo base_url ?>admin/?page=tests" class="nav-link nav-tests">
                            <i class="nav-icon fas fa-th-list"></i>
                            <p>
                              Test List
                            </p>
                          </a>
                        </li>
                        <li class="nav-item dropdown">
                          <a href="<?php echo base_url ?>admin/?page=user/list" class="nav-link nav-user_list">
                            <i class="nav-icon fas fa-users-cog"></i>
                            <p>
                              User List
                            </p>
                          </a>
                        </li>
```

```html
                <li class="nav-item dropdown">
                  <a href="<?php echo base_url
?>admin/?page=system_info" class="nav-link nav-system_info">
                    <i class="nav-icon fas fa-cogs"></i>
                    <p>
                      Settings
                    </p>
                  </a>
                </li>
                <?php endif; ?>

            </ul>
          </nav>
          <!-- /.sidebar-menu -->
        </div>
      </div>
    </div>
    <div class="os-scrollbar os-scrollbar-horizontal os-scrollbar-
unusable os-scrollbar-auto-hidden">
       <div class="os-scrollbar-track">
        <div class="os-scrollbar-handle" style="width: 100%;
transform: translate(0px, 0px);"></div>
       </div>
      </div>
      <div class="os-scrollbar os-scrollbar-vertical os-scrollbar-
auto-hidden">
       <div class="os-scrollbar-track">
        <div class="os-scrollbar-handle" style="height: 55.017%;
transform: translate(0px, 0px);"></div>
       </div>
      </div>
      <div class="os-scrollbar-corner"></div>
    </div>
    <!-- /.sidebar -->
  </aside>
  <script>
    var page;
  $(document).ready(function(){
    page = '<?php echo isset($_GET['page']) ? $_GET['page'] :
'home' ?>';
    page = page.replace(/\//gi,'_');

    if($('.nav-link.nav-'+page).length > 0){
        $('.nav-link.nav-'+page).addClass('active')
```

```javascript
        if($('.nav-link.nav-'+page).hasClass('tree-item') == true){
            $('.nav-link.nav-'+page).closest('.nav-
treeview').siblings('a').addClass('active')
            $('.nav-link.nav-'+page).closest('.nav-
treeview').parent().addClass('menu-open')
        }
        if($('.nav-link.nav-'+page).hasClass('nav-is-tree') == true){
            $('.nav-link.nav-'+page).parent().addClass('menu-open')
        }

    }

            $('#receive-nav').click(function(){
        $('#uni_modal').on('shown.bs.modal',function(){
            $('#find-transaction [name="tracking_code"]').focus();
        })
                uni_modal("Enter Tracking
Number","transaction/find_transaction.php");
            })
    })
</script>
```

8.5.   Session Authentication Page

```php
<?php
if (session_status() == PHP_SESSION_NONE) {
    session_start();
}
if(isset($_SERVER['HTTPS']) && $_SERVER['HTTPS'] === 'on')
    $link = "https";
else
    $link = "http";
$link .= "://";
$link .= $_SERVER['HTTP_HOST'];
$link .= $_SERVER['REQUEST_URI'];
if(!isset($_SESSION['userdata']) && !strpos($link, 'login.php') &&
!strpos($link, 'register.php')){
    redirect('admin/login.php');
}
if(isset($_SESSION['userdata']) && strpos($link, 'login.php')){
    redirect('admin/index.php');
```

```php
}
$module = array('','admin','faculty','student');
if(isset($_SESSION['userdata']) && (strpos($link, 'index.php') ||
strpos($link, 'admin/')) && $_SESSION['userdata']['login_type'] !=
1){
    echo "<script>alert('Access
Denied!');location.replace('".base_url.$module[$_SESSION['userdat
a']['login_type']]."');</script>";
    exit;
}
```

8.6.   Top Bar Navigation Page

```html
   <style>
  .user-img{
      position: absolute;
      height: 27px;
      width: 27px;
      object-fit: cover;
      left: -7%;
      top: -12%;
  }
  .btn-rounded{
      border-radius: 50px;
  }
</style>
<!-- Navbar -->
    <nav class="main-header navbar navbar-expand navbar-dark
border  border-info border-top-0  border-left-0 border-right-0 text-
sm shadow-sm bg-primary">
    <!-- Left navbar links -->
    <ul class="navbar-nav">
      <li class="nav-item">
      <a class="nav-link" data-widget="pushmenu" href="#"
role="button"><i class="fas fa-bars"></i></a>
      </li>
      <li class="nav-item d-none d-sm-inline-block">
        <a href="<?php echo base_url ?>" class="nav-
link"><b><?php echo (!isMobileDevice()) ? $_settings-
>info('name'):$_settings->info('short_name'); ?> - Admin</b></a>
```

```
        </li>
      </ul>
      <!-- Right navbar links -->
      <ul class="navbar-nav ml-auto">
        <!-- Navbar Search -->
        <!-- <li class="nav-item">
        <a class="nav-link" data-widget="navbar-search" href="#"
role="button">
        <i class="fas fa-search"></i>
        </a>
        <div class="navbar-search-block">
          <form class="form-inline">
            <div class="input-group input-group-sm">
            <input class="form-control form-control-navbar"
type="search" placeholder="Search" aria-label="Search">
              <div class="input-group-append">
                <button class="btn btn-navbar" type="submit">
                <i class="fas fa-search"></i>
                </button>
                <button class="btn btn-navbar" type="button" data-
widget="navbar-search">
                <i class="fas fa-times"></i>
                </button>
              </div>
            </div>
          </form>
        </div>
      </li> -->
      <!-- Messages Dropdown Menu -->
      <li class="nav-item">
        <div class="btn-group nav-link">
            <button type="button" class="btn btn-rounded badge
badge-light dropdown-toggle dropdown-icon" data-
toggle="dropdown">
            <span><img src="<?php echo
validate_image($_settings->userdata('avatar')) ?>" class="img-circle
elevation-2 user-img" alt="User Image"></span>
            <span class="ml-3"><?php echo ucwords($_settings-
>userdata('firstname').' '.$_settings->userdata('lastname')) ?></span>
            <span class="sr-only">Toggle Dropdown</span>
            </button>
            <div class="dropdown-menu" role="menu">
```

```html
                    <a class="dropdown-item" href="<?php echo
base_url.'admin/?page=user' ?>"><span class="fa fa-user"></span>
My Account</a>
                    <div class="dropdown-divider"></div>
                    <a class="dropdown-item" href="<?php echo
base_url.'/classes/Login.php?f=logout' ?>"><span class="fas fa-
sign-out-alt"></span> Logout</a>
                </div>
            </div>
        </li>
        <li class="nav-item">

        </li>
        <!--  <li class="nav-item">
            <a class="nav-link" data-widget="control-sidebar" data-
slide="true" href="#" role="button">
            <i class="fas fa-th-large"></i>
            </a>
        </li> -->
    </ul>
</nav>
<!-- /.navbar -->
```

9. DATA-BASE MODULE CLASS

9.1. DB Connection Page

```php
<?php
if(!defined('DB_SERVER')){
    require_once("../initialize.php");
}
class DBConnection{

    private $host = DB_SERVER;
    private $username = DB_USERNAME;
    private $password = DB_PASSWORD;
    private $database = DB_NAME;
```
144

```php
        public $conn;

        public function __construct(){

            if (!isset($this->conn)) {

                $this->conn = new mysqli($this->host, $this->username,
$this->password, $this->database);

                if (!$this->conn) {
                    echo 'Cannot connect to database server';
                    exit;
                }
            }

        }
        public function __destruct(){
            $this->conn->close();
        }
    }
    ?>
```

9.2.   Login Page

```php
<?php
require_once '../config.php';
class Login extends DBConnection {
    private $settings;
    public function __construct(){
            global $_settings;
            $this->settings = $_settings;

            parent::__construct();
            ini_set('display_error', 1);
    }
    public function __destruct(){
            parent::__destruct();
    }
    public function index(){
            echo "<h1>Access Denied</h1> <a
href='".base_url."'>Go Back.</a>";
```

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```php
        }
    public function login(){
            extract($_POST);
            $stmt = $this->conn->prepare("SELECT * from users
where username = ? and password = ? ");
            $pw = md5($password);
            $stmt->bind_param('ss',$username,$pw);
            $stmt->execute();
            $qry = $stmt->get_result();
            if($qry->num_rows > 0){
                    $res = $qry->fetch_array();
                    if($res['status'] != 1){
                            return
json_encode(array('status'=>'notverified'));
                    }
                    foreach($res as $k => $v){
                            if(!is_numeric($k) && $k != 'password'){
                                    $this->settings-
>set_userdata($k,$v);
                            }
                    }
                    $this->settings->set_userdata('login_type',1);
            return json_encode(array('status'=>'success'));
            }else{
            return
json_encode(array('status'=>'incorrect','error'=>$this->conn-
>error));
            }
    }
    public function logout(){
            if($this->settings->sess_des()){
                    redirect('admin/login.php');
            }
    }
    function client_login(){
            extract($_POST);
            $stmt = $this->conn->prepare("SELECT
*,concat(lastname,', ',firstname,' ',middlename) as fullname from
client_list where email = ? and `password` = ? ");
            $pw = md5($password);
            $stmt->bind_param('ss',$email,$pw);
            $stmt->execute();
            $qry = $stmt->get_result();
            if($this->conn->error){
                            146
```

```php
                        $resp['status'] = 'failed';
                        $resp['msg'] = "An error occurred while fetching
data. Error:". $this->conn->error;
                }else{
                if($qry->num_rows > 0){
                        $res = $qry->fetch_array();
                                foreach($res as $k => $v){
                                        $this->settings-
>set_userdata($k,$v);
                                }
                                $this->settings-
>set_userdata('login_type',2);
                                $resp['status'] = 'success';
                }else{
                $resp['status'] = 'failed';
                $resp['msg'] = "Invalid email or password.";
                }
                }
                return json_encode($resp);
        }
        public function client_logout(){
                if($this->settings->sess_des()){
                        redirect('./login.php');
                }
        }
}
$action = !isset($_GET['f']) ? 'none' : strtolower($_GET['f']);
$auth = new Login();
switch ($action) {
        case 'login':
                echo $auth->login();
                break;
        case 'logout':
                echo $auth->logout();
                break;
        case 'clogin':
                echo $auth->client_login();
                break;
        case 'clogout':
                echo $auth->client_logout();
                break;
        default:
                echo $auth->index();
                break;  }
```

9.3. Master Page

```php
<?php
require_once('../config.php');
Class Master extends DBConnection {
    private $settings;
    public function __construct(){
        global $_settings;
        $this->settings = $_settings;
        parent::__construct();
    }
    public function __destruct(){
        parent::__destruct();
    }
    function capture_err(){
        if(!$this->conn->error)
            return false;
        else{
            $resp['status'] = 'failed';
            $resp['error'] = $this->conn->error;
            return json_encode($resp);
            exit;
        }
    }
    function save_message(){
        extract($_POST);
        $data = "";
        foreach($_POST as $k =>$v){
            if(!in_array($k,array('id'))){
                if(!is_numeric($v))
                    $v = $this->conn-
>real_escape_string($v);
                if(!empty($data)) $data .=",";
                $data .= " `{$k}`='{$v}' ";
            }
        }
        if(empty($id)){
            $sql = "INSERT INTO `message_list` set {$data}
";
        }else{
            $sql = "UPDATE `message_list` set {$data}
where id = '{$id}' ";
        }
```

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```php
                        $save = $this->conn->query($sql);
                        if($save){
                                $rid = !empty($id) ? $id : $this->conn->insert_id;
                                $resp['status'] = 'success';
                                if(empty($id))
                                        $resp['msg'] = "Your message has
successfully sent.";
                                else
                                        $resp['msg'] = "Message details has been
updated successfully.";
                        }else{
                                $resp['status'] = 'failed';
                                $resp['msg'] = "An error occured.";
                                $resp['err'] = $this->conn->error."[{$sql}]";
                        }
                        if($resp['status'] =='success' && !empty($id))
                        $this->settings->set_flashdata('success',$resp['msg']);
                        if($resp['status'] =='success' && empty($id))
                        $this->settings->set_flashdata('pop_msg',$resp['msg']);
                        return json_encode($resp);
        }
        function delete_message(){
                        extract($_POST);
                        $del = $this->conn->query("DELETE FROM
`message_list` where id = '{$id}'");
                        if($del){
                                $resp['status'] = 'success';
                                $this->settings->set_flashdata('success',"Message
has been deleted successfully.");

                        }else{
                                $resp['status'] = 'failed';
                                $resp['error'] = $this->conn->error;
                        }
                        return json_encode($resp);

        }
        function save_test(){
                        extract($_POST);
                        $data = "";
                        foreach($_POST as $k =>$v){
                                if(!in_array($k,array('id'))){
                                        if(!is_numeric($v))
```

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```php
                                $v = $this->conn-
>real_escape_string($v);
                                if(!empty($data)) $data .=",";
                                $data .= " `{$k}`='{$v}' ";
                        }
                }
                if(empty($id)){
                        $sql = "INSERT INTO `test_list` set {$data} ";
                }else{
                        $sql = "UPDATE `test_list` set {$data} where id =
'{$id}' ";
                }
                $save = $this->conn->query($sql);
                if($save){
                        $rid = !empty($id) ? $id : $this->conn->insert_id;
                        $resp['id'] = $rid;
                        $resp['status'] = 'success';
                        if(empty($id))
                                $resp['msg'] = "Test has successfully
added.";
                        else
                                $resp['msg'] = "Test details has been
updated successfully.";
                }else{
                        $resp['status'] = 'failed';
                        $resp['msg'] = "An error occured.";
                        $resp['err'] = $this->conn->error."[{$sql}]";
                }
                if($resp['status'] =='success')
                        $this->settings-
>set_flashdata('success',$resp['msg']);
                return json_encode($resp);
        }
        function delete_test(){
                extract($_POST);
                $del = $this->conn->query("UPDATE `test_list` set
delete_flag = 1 where id = '{$id}'");
                if($del){
                        $resp['status'] = 'success';
                        $this->settings->set_flashdata('success',"Test has
been deleted successfully.");
                }else{
                        $resp['status'] = 'failed';
                        $resp['error'] = $this->conn->error;
                                150
```

```php
            }
            return json_encode($resp);
        }
    function save_appointment(){
            if(empty($_POST['id'])){
                    $prefix = date("Ym")."-";
                    $code = sprintf("%'.04d",1);
                    while(true){
                            $check = $this->conn->query("SELECT *
FROM `appointment_list` where `code` = '{$prefix}{$code}'")-
>num_rows;
                            if($check > 0){
                                    $code =
sprintf("%'.04d",ceil($code)+ 1);
                            }else{
                                    break;
                            }
                    }
                    $_POST['code'] = $prefix.$code;
                    $_POST['client_id'] = $this->settings-
>userdata('id');
            }
            extract($_POST);
            $data = "";
            foreach($_POST as $k =>$v){
                    if(!in_array($k,array('id','test_ids')) &&
!is_array($_POST[$k])){
                            if(!is_numeric($v))
                                    $v = $this->conn-
>real_escape_string($v);
                            if(!empty($data)) $data .=",";
                            $data .= " `{$k}`='{$v}' ";
                    }
            }
            if(empty($id)){
                    $sql = "INSERT INTO `appointment_list` set
{$data} ";
            }else{
                    $sql = "UPDATE `appointment_list` set {$data}
where id = '{$id}' ";
            }

            $save = $this->conn->query($sql);
            if($save){
                        151
```

```
                            $aid = !empty($id) ? $id : $this->conn->insert_id;
                            $resp['aid'] = $aid;
                            $resp['status'] = 'success';
                            if(empty($id))
                                    $resp['msg'] = "Appointment has
successfully added.";
                            else
                                    $resp['msg'] = "Appointment has been
updated successfully.";
                            if(isset($test_ids) && count($test_ids) > 0){
                                    $data = "";
                                    foreach($test_ids as $k=>$v){
                                            if(!empty($data)) $data .= ", ";
                                            $data .= "('{$aid}','{$v}')";
                                    }
                                    if(!empty($data)){
                                            $this->conn->query("DELETE *
FROM `appointment_test_list` where `appointment_id` = $aid");
                                            $sql = "INSERT INTO
`appointment_test_list` (`appointment_id`, `test_id`) VALUES
{$data}";
                                            $save2 = $this->conn->query($sql);
                                            if(!$save2){
                                                    $resp['status'] = 'failed';
                                                    $resp['msg'] = 'An error
occurred while saving the list of tests.';
                                                    $resp['error'] = $this->conn-
>error;
                                                    if(empty($id))
                                                    $this->conn-
>query("DELETE * FROM `appointment_list` where id =
'{$aid}'");
                                                    return json_encode($resp);
                                            }
                                    }
                            }

                            if(isset($_FILES['prescription']) &&
!empty($_FILES['prescription']['tmp_name'])){
                                    $file =
$_FILES['prescription']['tmp_name'];

   if(!is_dir(base_app."uploads/prescriptions"))
```

```php
        mkdir((base_app."uploads/prescriptions"));
                        $i = 0;
                        while(true){
                        $fname = ($i > 0 ? $i."" : '').str_replace("
","",$_FILES['prescription']['name']);

    if(is_file(base_app."uploads/prescriptions/".$fname)){
                                        $i++;
                                }else{
                                        break;
                                }
                        }
                        $move =
move_uploaded_file($_FILES['prescription']['tmp_name'],base_app.
"uploads/prescriptions/".$fname);
                        if($move){
                                $this->conn->query("UPDATE
`appointment_list` set prescription_path =
CONCAT('{$fname}','?v=',unix_timestamp(CURRENT_TIMESTA
MP)) where id = '{$aid}'");
                        }else{
                                $resp['msg'] .= " But prescription
file was failed to upload.";
                        }
                }
        }else{
                $resp['status'] = 'failed';
                $resp['msg'] = "An error occured.";
                $resp['err'] = $this->conn->error."[{$sql}]";
        }
        if($resp['status'] =='success')
        $this->settings->set_flashdata('success',$resp['msg']);
        return json_encode($resp);
    }
    function update_appointment_status(){
        extract($_POST);
        if(isset($_FILES['report'])){
                $type =
mime_content_type($_FILES['report']['tmp_name']);
                if($type != 'application/pdf'){
                        $resp['status'] = 'failed';
                        $resp['msg'] = 'Invalid File Type';
                        $resp['error'] = $this->conn->error;
                        return json_encode($resp);
```

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```php
                    }
                }
                $update = $this->conn->query("UPDATE
`appointment_list` set `status` = '{$status}' where id = '{$id}'");
                if($update){
                        $resp['status'] = 'success';
                        $this->settings-
>set_flashdata('success',"Reservation status has been updated
successfully.");
                        $sql = "INSERT INTO history_list
(`appointment_id`,`remarks`,`status`) VALUES ('{$id}','{$this-
>conn->real_escape_string($remarks)}','{$status}')";
                        $this->conn->query($sql);
                        $this->conn->query("DELETE FROM
`history_list` where `status` > '{$status}' ");
                        if(isset($_FILES['report'])){
                                if(!is_dir(base_app."uploads/reports/"))
                                mkdir(base_app."uploads/reports/");
                                $get = $this->conn->query("SELECT *
FROM appointment_list where id = '{$id}'");
                                $res = $get->fetch_array();
                                $code = $res['code'];
                                $fname = $code.".pdf";

    if(is_file(base_app."uploads/reports/".$fname)){

    unlink(base_app."uploads/reports/".$fname);
                                }

    move_uploaded_file($_FILES['report']['tmp_name'],base_app."u
ploads/reports/".$fname);
                        }
                }else{
                        $resp['status'] = 'failed';
                        $resp['error'] = $this->conn->error;
                }
                return json_encode($resp);
    }
    function delete_appointment(){
            extract($_POST);
            $del = $this->conn->query("UPDATE `appointment_list`
set delete_flag = 1 where id = '{$id}'");
            if($del){
                    $resp['status'] = 'success';
```
154

```php
                            $this->settings-
>set_flashdata('success',"appointment has been deleted
successfully.");

                }else{
                        $resp['status'] = 'failed';
                        $resp['error'] = $this->conn->error;
                }
                return json_encode($resp);
        }
    function save_reservation(){
                if(empty($_POST['id'])){
                        $prefix = date("Ym")."-";
                        $code = sprintf("%'.04d",1);
                        while(true){
                                $check = $this->conn->query("SELECT *
FROM `reservation_list` where `code` = '{$prefix}{$code}'")-
>num_rows;
                                if($check > 0){
                                        $code =
sprintf("%'.04d",ceil($code)+ 1);
                                }else{
                                        break;
                                }
                        }
                        $_POST['code'] = $prefix.$code;
                }
                extract($_POST);
                $check = $this->conn->query("SELECT * FROM
`reservation_list` where test_id = '{$test_id}' and
((date('{$check_in}') BETWEEN `check_in` and `check_out`) or
(date('{$check_out}') BETWEEN `check_in` and `check_out`)) and
`status` in (0,1) ")->num_rows;
                if($check > 0){
                        $resp['status'] = "failed";
                        $resp['msg'] = "Your Date of Reservation for this
test complicates with other reservations.";
                        return json_encode($resp);
                }
                $data = "";
                foreach($_POST as $k =>$v){
                        if(!in_array($k,array('id'))){
                                if(!is_numeric($v))
```

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```php
                                    $v = $this->conn-
>real_escape_string($v);
                        if(!empty($data)) $data .=",";
                        $data .= " `{$k}`='{$v}' ";
                }
        }
        if(empty($id)){
                $sql = "INSERT INTO `reservation_list` set
{$data} ";
        }else{
                $sql = "UPDATE `reservation_list` set {$data}
where id = '{$id}' ";
        }
        $save = $this->conn->query($sql);
        if($save){
                $rid = !empty($id) ? $id : $this->conn->insert_id;
                $resp['id'] = $rid;
                $resp['status'] = 'success';
                if(empty($id))
                        $resp['msg'] = "test Reservation has
successfully submitted.";
                else
                        $resp['msg'] = "test Reservation details has
been updated successfully.";
        }else{
                $resp['status'] = 'failed';
                $resp['msg'] = "An error occured.";
                $resp['err'] = $this->conn->error."[{$sql}]";
        }

        if($resp['status'] =='success')
        $this->settings->set_flashdata('success',$resp['msg']);
        return json_encode($resp);
    }
    function delete_reservation(){
        extract($_POST);
        $del = $this->conn->query("DELETE FROM
`reservation_list` where id = '{$id}'");
        if($del){
                $resp['status'] = 'success';
                $this->settings-
>set_flashdata('success',"Reservation Details has been deleted
successfully.");
        }else{
```

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```php
                              $resp['status'] = 'failed';
                              $resp['error'] = $this->conn->error;
                    }
                    return json_encode($resp);
      }
      function save_activity(){
                    $_POST['description'] =
htmlentities($_POST['description']);
                    extract($_POST);
                    $data = "";
                    foreach($_POST as $k =>$v){
                              if(!in_array($k,array('id'))){
                                        if(!is_numeric($v))
                                                  $v = $this->conn-
>real_escape_string($v);
                                        if(!empty($data)) $data .=",";
                                        $data .= " `{$k}`='{$v}' ";
                              }
                    }
                    if(empty($id)){
                              $sql = "INSERT INTO `activity_list` set {$data}
";
                    }else{
                              $sql = "UPDATE `activity_list` set {$data} where
id = '{$id}' ";
                    }
                    $save = $this->conn->query($sql);
                    if($save){
                              $rid = !empty($id) ? $id : $this->conn->insert_id;
                              $resp['id'] = $rid;
                              $resp['status'] = 'success';
                              if(empty($id))
                                        $resp['msg'] = "Activity has successfully
added.";
                              else
                                        $resp['msg'] = "Activity details has been
updated successfully.";
                              if(isset($_FILES['img']) &&
$_FILES['img']['tmp_name'] != ''){
                                        if(!is_dir(base_app.'uploads/activitys'))
                                        mkdir(base_app.'uploads/activitys');

                                        $fname = 'uploads/activitys/'.$rid.'.png';
                                        $dir_path =base_app. $fname;
```
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```php
                                $upload = $_FILES['img']['tmp_name'];
                                $type = mime_content_type($upload);
                                $allowed = array('image/png','image/jpeg');
                                if(!in_array($type,$allowed)){
                                        $resp['msg'].=" But Image failed to
upload due to invalid file type.";
                                }else{
                                        $new_height = 400;
                                        $new_width = 600;

                                        list($width, $height) =
getimagesize($upload);
                                        $t_image =
imagecreatetruecolor($new_width, $new_height);
                                        imagealphablending( $t_image,
false );
                                        imagesavealpha( $t_image, true );
                                        $gdImg = ($type == 'image/png')?
imagecreatefrompng($upload) : imagecreatefromjpeg($upload);
                                        imagecopyresampled($t_image,
$gdImg, 0, 0, 0, 0, $new_width, $new_height, $width, $height);
                                        if($gdImg){
                                                if(is_file($dir_path))
                                                unlink($dir_path);
                                                $uploaded_img =
imagepng($t_image,$dir_path);

    imagedestroy($gdImg);

    imagedestroy($t_image);
                                        }else{
                                        $resp['msg'].=" But Image failed to
upload due to unkown reason.";
                                        }
                                }
                                if(isset($uploaded_img)){
                                        $this->conn->query("UPDATE
activity_list set `image_path` =
CONCAT('{$fname}','?v=',unix_timestamp(CURRENT_TIMESTA
MP)) where id = '{$rid}' ");
                                }
                        }
                }else{
                        $resp['status'] = 'failed';
                                158
```

```php
                        $resp['msg'] = "An error occured.";
                        $resp['err'] = $this->conn->error."[{$sql}]";
                }
                if($resp['status'] =='success')
                        $this->settings-
>set_flashdata('success',$resp['msg']);
                return json_encode($resp);
        }
        function delete_activity(){
                extract($_POST);
                $del = $this->conn->query("UPDATE `activity_list` set
delete_flag = 1 where id = '{$id}'");
                if($del){
                        $resp['status'] = 'success';
                        $this->settings->set_flashdata('success',"Activity
has been deleted successfully.");
                }else{
                        $resp['status'] = 'failed';
                        $resp['error'] = $this->conn->error;
                }
                return json_encode($resp);
        }
}

$Master = new Master();
$action = !isset($_GET['f']) ? 'none' : strtolower($_GET['f']);
$sysset = new SystemSettings();
switch ($action) {
    case 'save_message':
            echo $Master->save_message();
    break;
    case 'delete_message':
            echo $Master->delete_message();
    break;
    case 'save_test':
            echo $Master->save_test();
    break;
    case 'delete_test':
            echo $Master->delete_test();
    break;
    case 'save_appointment':
            echo $Master->save_appointment();
    break;
    case 'delete_appointment':
```

```php
                                echo $Master->delete_appointment();
                        break;
                        case 'update_appointment_status':
                                echo $Master->update_appointment_status();
                        break;
                        case 'save_reservation':
                                echo $Master->save_reservation();
                        break;
                        case 'delete_reservation':
                                echo $Master->delete_reservation();
                        break;
                        case 'save_activity':
                                echo $Master->save_activity();
                        break;
                        case 'delete_activity':
                                echo $Master->delete_activity();
                        break;
                        default:
                                // echo $sysset->index();
                                break;
                }
```

9.4. System Setting Page

```php
<?php
if(!class_exists('DBConnection')){
    require_once('../config.php');
    require_once('DBConnection.php');
}
class SystemSettings extends DBConnection{
    public function __construct(){
            parent::__construct();
    }
    function check_connection(){
            return($this->conn);
    }
    function load_system_info(){
            // if(!isset($_SESSION['system_info'])){
                    $sql = "SELECT * FROM system_info";
                    $qry = $this->conn->query($sql);
                        while($row = $qry->fetch_assoc()){
                    160
```

```php
			$_SESSION['system_info'][$row['meta_field']] =
$row['meta_value'];
						}
			// }
	}
	function update_system_info(){
			$sql = "SELECT * FROM system_info";
			$qry = $this->conn->query($sql);
					while($row = $qry->fetch_assoc()){

	if(isset($_SESSION['system_info'][$row['meta_field']]))unset($_
SESSION['system_info'][$row['meta_field']]);

	$_SESSION['system_info'][$row['meta_field']] =
$row['meta_value'];
					}
			return true;
	}
	function update_settings_info(){
			$data = "";
			foreach ($_POST as $key => $value) {
					if(!in_array($key,array("content")))
					if(isset($_SESSION['system_info'][$key])){
							$value = str_replace("'", "&apos;", $value);
							$qry = $this->conn->query("UPDATE
system_info set meta_value = '{$value}' where meta_field =
'{$key}' ");
					}else{
							$qry = $this->conn->query("INSERT into
system_info set meta_value = '{$value}', meta_field = '{$key}' ");
					}
			}
			if(isset($_POST['content']))
			foreach($_POST['content'] as $k => $v){
					file_put_contents("../{$k}.html",$v);

			}

			if(isset($_FILES['img']) && $_FILES['img']['tmp_name']
!= ''){
					$fname = 'uploads/logo-'.(time()).'.png';
					$dir_path =base_app. $fname;
					$upload = $_FILES['img']['tmp_name'];
```
161

```php
                        $type = mime_content_type($upload);
                        $allowed = array('image/png','image/jpeg');
                        if(!in_array($type,$allowed)){
                                $resp['msg'].=" But Image failed to upload
due to invalid file type.";
                        }else{
                                $new_height = 200;
                                $new_width = 200;

                                list($width, $height) =
getimagesize($upload);
                                $t_image =
imagecreatetruecolor($new_width, $new_height);
                                imagealphablending( $t_image, false );
                                imagesavealpha( $t_image, true );
                                $gdImg = ($type == 'image/png')?
imagecreatefrompng($upload) : imagecreatefromjpeg($upload);
                                imagecopyresampled($t_image, $gdImg, 0,
0, 0, 0, $new_width, $new_height, $width, $height);
                                if($gdImg){
                                        if(is_file($dir_path))
                                        unlink($dir_path);
                                        $uploaded_img =
imagepng($t_image,$dir_path);

                                        imagedestroy($gdImg);
                                        imagedestroy($t_image);
                                }else{
                                $resp['msg'].=" But Image failed to upload
due to unkown reason.";
                                }
                        }
                        if(isset($uploaded_img) && $uploaded_img ==
true){

   if(isset($_SESSION['system_info']['logo'])){
                                        $qry = $this->conn-
>query("UPDATE system_info set meta_value = '{$fname}' where
meta_field = 'logo' ");

   if(is_file(base_app.$_SESSION['system_info']['logo']))
unlink(base_app.$_SESSION['system_info']['logo']);
                                }else{
```

```php
                                    $qry = $this->conn-
>query("INSERT into system_info set meta_value =
'{$fname}',meta_field = 'logo' ");
                                }
                                unset($uploaded_img);
                        }
                }
        if(isset($_FILES['cover']) &&
$_FILES['cover']['tmp_name'] != ''){
                        $fname = 'uploads/cover-'.time().'.png';
                        $dir_path =base_app. $fname;
                        $upload = $_FILES['cover']['tmp_name'];
                        $type = mime_content_type($upload);
                        $allowed = array('image/png','image/jpeg');
                        if(!in_array($type,$allowed)){
                                $resp['msg'].=" But Image failed to upload
due to invalid file type.";
                        }else{
                                $new_height = 720;
                                $new_width = 1280;

                                list($width, $height) =
getimagesize($upload);
                                $t_image =
imagecreatetruecolor($new_width, $new_height);
                                $gdImg = ($type == 'image/png')?
imagecreatefrompng($upload) : imagecreatefromjpeg($upload);
                                imagecopyresampled($t_image, $gdImg, 0,
0, 0, 0, $new_width, $new_height, $width, $height);
                                if($gdImg){
                                        if(is_file($dir_path))
                                        unlink($dir_path);
                                        $uploaded_img =
imagepng($t_image,$dir_path);

                                        imagedestroy($gdImg);
                                        imagedestroy($t_image);
                                }else{
                                $resp['msg'].=" But Image failed to upload
due to unkown reason.";
                                }
                        }
                        if(isset($uploaded_img) && $uploaded_img ==
true){
```

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```php
                        if(isset($_SESSION['system_info']['cover'])){
                                $qry = $this->conn-
>query("UPDATE system_info set meta_value = '{$fname}' where
meta_field = 'cover' ");

    if(is_file(base_app.$_SESSION['system_info']['cover']))
unlink(base_app.$_SESSION['system_info']['cover']);
                        }else{
                                $qry = $this->conn-
>query("INSERT into system_info set meta_value =
'{$fname}',meta_field = 'cover' ");
                        }
                        unset($uploaded_img);
                    }
                }

                $update = $this->update_system_info();
                $flash = $this->set_flashdata('success','System Info
Successfully Updated.');
                if($update && $flash){
                        // var_dump($_SESSION);
                        return true;
                }
        }
        function set_userdata($field='',$value=''){
                if(!empty($field) && !empty($value)){
                        $_SESSION['userdata'][$field]= $value;
                }
        }
        function userdata($field = ''){
                if(!empty($field)){
                        if(isset($_SESSION['userdata'][$field]))
                                return $_SESSION['userdata'][$field];
                        else
                                return null;
                }else{
                        return false;
                }
        }
        function set_flashdata($flash='',$value=''){
                if(!empty($flash) && !empty($value)){
                        $_SESSION['flashdata'][$flash]= $value;
                return true;
```

```php
                }
        }
        function chk_flashdata($flash = ''){
                if(isset($_SESSION['flashdata'][$flash])){
                        return true;
                }else{
                        return false;
                }
        }
        function flashdata($flash = ''){
                if(!empty($flash)){
                        $_tmp = $_SESSION['flashdata'][$flash];
                        unset($_SESSION['flashdata']);
                        return $_tmp;
                }else{
                        return false;
                }
        }
        function sess_des(){
                if(isset($_SESSION['userdata'])){
                                unset($_SESSION['userdata']);
                        return true;
                }
                        return true;
        }
        function info($field=''){
                if(!empty($field)){
                        if(isset($_SESSION['system_info'][$field]))
                                return $_SESSION['system_info'][$field];
                        else
                                return false;
                }else{
                        return false;
                }
        }
        function set_info($field='',$value=''){
                if(!empty($field) && !empty($value)){
                        $_SESSION['system_info'][$field] = $value;
                }
        }
}
$_settings = new SystemSettings();
$_settings->load_system_info();
$action = !isset($_GET['f']) ? 'none' : strtolower($_GET['f']);
```
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```php
            $sysset = new SystemSettings();
            switch ($action) {
               case 'update_settings':
                      echo $sysset->update_settings_info();
                      break;
               default:
                      // echo $sysset->index();
                      break;
            }
            ?>
```

```php
<?php
require_once('../config.php');
Class Users extends DBConnection {
   private $settings;
   public function __construct(){
            global $_settings;
            $this->settings = $_settings;
            parent::__construct();
   }
   public function __destruct(){
            parent::__destruct();
   }
   public function save_users(){
            if(!isset($_POST['status']) && $this->settings-
>userdata('login_type') == 1){
                      $_POST['status'] = 1;
            }
            extract($_POST);
            $oid = $id;
            $data = '';
            if(isset($oldpassword)){
                      if(md5($oldpassword) != $this->settings-
>userdata('password')){
                              return 4;
                      }
            }
```

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```php
            $chk = $this->conn->query("SELECT * FROM `users`
where username ='{$username}' ".($id>0? " and id!= '{$id}' " : ""))-
>num_rows;
            if($chk > 0){
                    return 3;
                    exit;
            }
            foreach($_POST as $k => $v){

    if(in_array($k,array('firstname','middlename','lastname','username
','type'))){
                            if(!empty($data)) $data .=" , ";
                            $data .= " {$k} = '{$v}' ";
                    }
            }
            if(!empty($password)){
                    $password = md5($password);
                    if(!empty($data)) $data .=" , ";
                    $data .= " `password` = '{$password}' ";
            }

            if(empty($id)){
                    $qry = $this->conn->query("INSERT INTO users
set {$data}");
                    if($qry){
                            $id = $this->conn->insert_id;
                            $this->settings-
>set_flashdata('success','User Details successfully saved.');
                            $resp['status'] = 1;
                    }else{
                            $resp['status'] = 2;
                    }

            }else{
                    $qry = $this->conn->query("UPDATE users set
$data where id = {$id}");
                    if($qry){
                            $this->settings-
>set_flashdata('success','User Details successfully updated.');
                            if($id == $this->settings->userdata('id')){
                                    foreach($_POST as $k => $v){
                                            if($k != 'id'){
                                                    if(!empty($data))
$data .=" , ";
```

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```php
                                                 $this->settings-
>set_userdata($k,$v);
                                        }
                                }

                        }
                        $resp['status'] = 1;
                }else{
                        $resp['status'] = 2;
                }

        }

        if(isset($_FILES['img']) && $_FILES['img']['tmp_name']
!= ''){
                $fname = 'uploads/avatar-'.$id.'.png';
                $dir_path =base_app. $fname;
                $upload = $_FILES['img']['tmp_name'];
                $type = mime_content_type($upload);
                $allowed = array('image/png','image/jpeg');
                if(!in_array($type,$allowed)){
                        $resp['msg'].=" But Image failed to upload
due to invalid file type.";
                }else{
                        $new_height = 200;
                        $new_width = 200;

                        list($width, $height) =
getimagesize($upload);
                        $t_image =
imagecreatetruecolor($new_width, $new_height);
                        imagealphablending( $t_image, false );
                        imagesavealpha( $t_image, true );
                        $gdImg = ($type == 'image/png')?
imagecreatefrompng($upload) : imagecreatefromjpeg($upload);
                        imagecopyresampled($t_image, $gdImg, 0,
0, 0, 0, $new_width, $new_height, $width, $height);
                        if($gdImg){
                                if(is_file($dir_path))
                                unlink($dir_path);
                                $uploaded_img =
imagepng($t_image,$dir_path);

                                imagedestroy($gdImg);
                                imagedestroy($t_image);
```
168

```php
                                }else{
                                $resp['msg'].=" But Image failed to upload
due to unkown reason.";
                                }
                        }
                        if(isset($uploaded_img)){
                                $this->conn->query("UPDATE users set
`avatar` =
CONCAT('{$fname}','?v=',unix_timestamp(CURRENT_TIMESTA
MP)) where id = '{$id}' ");
                                if($id == $this->settings->userdata('id')){
                                        $this->settings-
>set_userdata('avatar',$fname);
                                }
                        }
                }
                if(isset($resp['msg']))
                $this->settings->set_flashdata('success',$resp['msg']);
                return $resp['status'];
        }
        public function delete_users(){
                extract($_POST);
                $avatar = $this->conn->query("SELECT avatar FROM
users where id = '{$id}'")->fetch_array()['avatar'];
                $qry = $this->conn->query("DELETE FROM users
where id = $id");
                if($qry){
                        $avatar = explode("?",$avatar)[0];
                        $this->settings->set_flashdata('success','User
Details successfully deleted.');
                        if(is_file(base_app.$avatar))
                                unlink(base_app.$avatar);
                        $resp['status'] = 'success';
                }else{
                        $resp['status'] = 'failed';
                }
                return json_encode($resp);
        }
        public function save_client(){
                if(!empty($_POST['password'])){
                        $_POST['password'] = md5($_POST['password']);
                }else{
                        unset($_POST['password']);
                }
                                169
```

```php
            extract($_POST);
            $data = '';
            $chk = $this->conn->query("SELECT * FROM
`client_list` where email ='{$email}' ".($id>0? " and id!= '{$id}' " :
""))->num_rows;
            if($chk > 0){
                    return 3;
                    exit;
            }
            foreach($_POST as $k => $v){
                    if(!in_array($k,array('id','cpass'))){
                            if(!empty($data)) $data .=" , ";
                            $data .= " {$k} = '{$v}' ";
                    }
            }
            if(empty($id)){
                    $qry = $this->conn->query("INSERT INTO
client_list set {$data}");
                    if($qry){
                            $id = $this->conn->insert_id;
                            $resp['msg']="User Successfully
Registered.";
                            $resp['status'] = 1;
                    }else{
                            $resp['status'] = 2;
                            $resp['sql'] = "INSERT INTO client_list
set {$data}";
                            $resp['err'] = $this->conn->error;
                            return json_encode($resp);
                    }

            }else{
                    $qry = $this->conn->query("UPDATE client_list
set $data where id = {$id}");
                    if($qry){
                            $resp['msg']="User Details successfully
updated.";
                            if($id == $this->settings->userdata('id')){
                                    foreach($_POST as $k => $v){
                                            if($k != 'id'){
                                                    if(!empty($data))
$data .=" , ";
                                                    $this->settings-
>set_userdata($k,$v);
                                    170
```

```php
                                            }
                                    }

                                }
                                $resp['status'] = 1;
                        }else{
                                $resp['status'] = 2;
                        }

                }

        if(isset($_FILES['img']) && $_FILES['img']['tmp_name']
!= ''){
                        $fname = 'uploads/client-'.$id.'.png';
                        $dir_path =base_app. $fname;
                        $upload = $_FILES['img']['tmp_name'];
                        $type = mime_content_type($upload);
                        $allowed = array('image/png','image/jpeg');
                        if(!in_array($type,$allowed)){
                                $resp['msg'].=" But Image failed to upload
due to invalid file type.";
                        }else{
                                $new_height = 200;
                                $new_width = 200;

                                list($width, $height) =
getimagesize($upload);
                                $t_image =
imagecreatetruecolor($new_width, $new_height);
                                imagealphablending( $t_image, false );
                                imagesavealpha( $t_image, true );
                                $gdImg = ($type == 'image/png')?
imagecreatefrompng($upload) : imagecreatefromjpeg($upload);
                                imagecopyresampled($t_image, $gdImg, 0,
0, 0, 0, $new_width, $new_height, $width, $height);
                                if($gdImg){
                                        if(is_file($dir_path))
                                        unlink($dir_path);
                                        $uploaded_img =
imagepng($t_image,$dir_path);

                                        imagedestroy($gdImg);
                                        imagedestroy($t_image);
                                        if(isset($uploaded_img)){
```

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```php
                                            $this->conn-
>query("UPDATE client_list set `avatar` =
CONCAT('{$fname}','?v=',unix_timestamp(CURRENT_TIMESTA
MP)) where id = '{$id}' ");
                                            if($id == $this-
>settings->userdata('id')){
                                                $this-
>settings->set_userdata('avatar',$fname);
                                            }
                                        }
                            }else{
                            $resp['msg'].=" But Image failed to upload
due to unkown reason.";
                            }
                        }

            }
            if(isset($resp['msg']))
            $this->settings->set_flashdata('success',$resp['msg']);
            return  $resp['status'];
    }
    public function delete_client(){
            extract($_POST);
            $avatar = $this->conn->query("SELECT avatar FROM
client_list where id = '{$id}'")->fetch_array()['avatar'];
            $qry = $this->conn->query("DELETE FROM client_list
where id = $id");
            if($qry){
                    $avatar = explode("?",$avatar)[0];
                    $this->settings->set_flashdata('success','User
Details successfully deleted.');
                    if(is_file(base_app.$avatar))
                            unlink(base_app.$avatar);
                    $resp['status'] = 'success';
            }else{
                    $resp['status'] = 'failed';
            }
            return json_encode($resp);
    }

}

$users = new users();
$action = !isset($_GET['f']) ? 'none' : strtolower($_GET['f']);
```

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```php
switch ($action) {
    case 'save':
            echo $users->save_users();
    break;
    case 'delete':
            echo $users->delete_users();
    break;
    case 'save_client':
            echo $users->save_client();
    break;
    case 'delete_client':
            echo $users->delete_client();
    break;
    default:
            // echo $sysset->index();
            break;
}
```

10. REPORT MODULE CLASS

10.1. Index Page

```html
<div class="card card-outline card-primary rounded-0 shadow">
    <div class="card-header">
            <h3 class="card-title">List of My Test Results</h3>
    </div>
    <div class="card-body">
            <div class="container-fluid">
      <div class="container-fluid">
                    <table class="table table-bordered table-hover
table-striped">
                            <colgroup>
                                    <col width="5%">
                                    <col width="25%">
                                    <col width="25%">
                                    <col width="25%">
                                    <col width="20%">
                            </colgroup>
```

```php
                                <thead>
                                        <tr class="bg-gradient-primary text-light">
                                                <th>#</th>
                                                <th>Code</th>
                                                <th>Test</th>
                                                <th>Result</th>
                                                <th></th>
                                        </tr>
                                </thead>
                                <tbody>
                                        <?php
                                                $i = 1;
                                                $qry = $conn->query("SELECT * from `appointment_list` where client_id ='{$_settings->userdata('id')}' and status = 6 order by unix_timestamp(date_created) desc ");
                                                while($row = $qry->fetch_assoc()):
                                $tests = $conn->query("SELECT * FROM `test_list` where id in (SELECT test_id FROM `appointment_test_list` where appointment_id = '{$row['id']}')");
                                $test = "N/A";
                                if($tests->num_rows > 0){
                                    $res = $tests->fetch_all(MYSQLI_ASSOC);
                                    $test_arr = array_column($res,'name');
                                    $test = implode(", ",$test_arr);
                                }
                                        ?>
                                                <tr>
                                                        <td class="text-center"><?php echo $i++; ?></td>
                                                        <td class=""><?= $row['code'] ?></td>
                                                        <td class=""><p class="m-0 truncate-1"><?= $test ?></p></td>
                                        <td class="">
                                                        <?php if(isset($row['code']) && is_file(base_app."uploads/reports/".$row['code'].".pdf")): ?>
                                <a href='<?= base_url."uploads/reports/".$row['code'].".pdf" ?>' target='_blank' download='<?= $row['code'].".pdf" ?>'><?= $row['code'].".pdf" ?></a>
```

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```php
                              <?php else: ?>
                                N/A
                              <?php endif; ?>
                                                        </td>
                                                        <td align="center">
                              <a href='<?=
base_url."uploads/reports/".$row['code'].".pdf" ?>' target='_blank'
class="text-muted"><i class="fa fa-external-link-alt text-
muted"></i> <b>View Result</b></a>
                                                        </td>
                                                    </tr>
                                                <?php endwhile; ?>
                                        </tbody>
                                </table>
                </div>
                </div>
        </div>
</div>
<script>
    $(function(){
            $('.table').dataTable({
          columnDefs: [
            { orderable: false, targets: 4 }
          ],
        });
    })
</script>
```