

CYPRUS INTERNATIONAL UNIVERSITY

FACULTY OF ENGINEERING COMPUTER ENGINEERING

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1 INTRODUCTION

The project was made to facilitate the follow-up of reservations. This project aims to facilitate the follow-up of every reservation and appointment. The project has been designed to use for all ages. We believe that this project will eliminate many problems because it is useful and easily understandable.

Today, dozens of transactions are processed through reservation and appointment systems. For example, hospitals, cinemas, special trainings, lessons and so on. In many sectors, our transactions are progressing with reservation and appointment. In the past, these appointments were kept on the agenda. In the past, the write will continue but words will be fly. But we say that the article is lost in our period but it does not disappear as your database is updated. Therefore, we have created a system in this way to make your appointments in order and not to lose your appointments.

You will no longer have to forget your appointments or run two separate jobs at the same time. We are here to provide you with this system to deliver every business in a planned and timely manner. We want to tell you the system with the user manual we created. You will better understand how useful it is with this guide.

Our goal is to make human life easier. We have prepared user profile system in line with the recommendations we receive from users. So each user signs up with his / her profile information and each registered user takes a profile picture. This allows you to see who the user is when you have an appointment.

With our security system, the information we receive from users is safe. Even we won't be able to see your passwords and change your information. Each user will make an appointment based on availability and will not be able to see and make an appointment if the other person is not available.

We are very happy to offer you a system that will benefit such human life. We will make the necessary changes if you notify us of our shortcomings. In case of any error, you will only need to return to us. Now let's start studying our system.

1.1 Aim of the Projects

This project can be used in all areas. With this project, we can organize our meetings, appointments and plans in our daily lives. In this way, we will not forget the activities and meetings during the day. We as engineers want to make human life easier. Our vision is to make this project easier for human life. Our mission is to make this project usable in all areas.

2 USER GUIDE

The page we have created in this field has a narration with pictures. Logging into the system includes creating user information, uploading a profile picture, creating an appointment, and renewing a password from the admin panel. Usage information about the software is detailed.

2.1 Groups in the Project

The main purpose of this project is to allow users to follow their own appointments. So, there is a register and login page in this project. On this page, information is received from users and stored securely in the database.

This information is as follows;

- o Name
- o Surname
- o Age
- o Email Address
- o Password
- o Gender
- o Phone Number
- o Profile Picture

This information is only used to allow the user to log into the system at this stage. It is planned to further improve the system and make some changes with this information. The intended changes will be implemented with user feedback. That's why feedback from users is always important to us.

The information received in the login is as follows;

- Email Address
- Password
- Re-password

If this information is entered correctly, the user will be able to log in to the system. If wrong, the user will not be able to log in. Since there is an email verification system on the login page and the registration page, users have to type their email addresses in the correct format when logging in.

Users will be greeted with such a page when they enter the site. On this page, users must enter their email and password information as shown Figure 1.

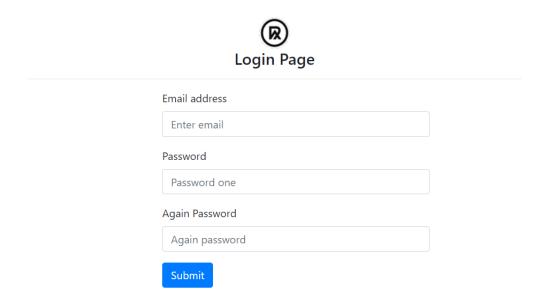


Figure 2.1: Login Page

If the user enters the password incorrectly, he will receive an error as shown in the Figure 2.2.

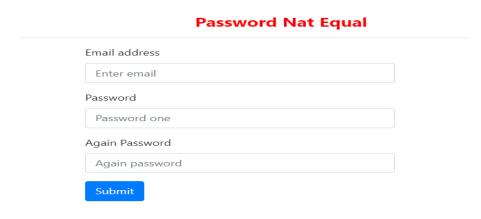


Figure 1.2: Password Error

The user will encounter such redirection if the mail information is entered incorrectly. When the register link is clicked, the user will be directed directly to the register page as shown Figure 2.3.

You dont have account

Redirect to member page ... -> Register Page.

Enter email		
Password		
Password one		
Again Password		
Again password		

Figure 2.3: Redirect to Register Page.

On the register page, the user will be asked for the necessary information for registration as shown Figure 2.4

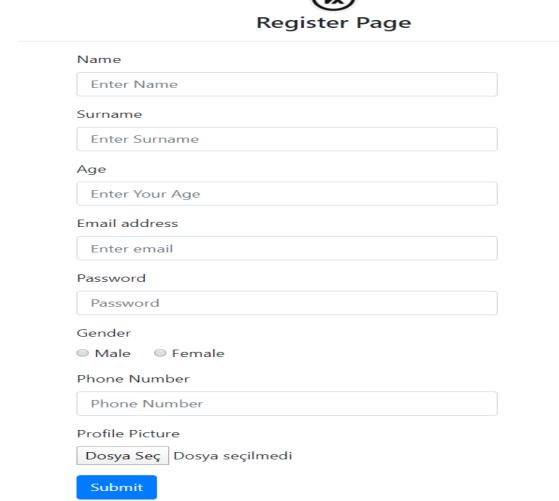


Figure 2.4: Register Page.

When the user enters the system, it will encounter this screen as shown figure 2.5.



Figure 2.5: System Message

The appearance of the index page is shown in the figure. This screen shows users in the system and their profile pictures. At the same time, we see the name of the user in the system in the title section of the web page and inside the web page. When the user clicks the "appointment" link, he will be redirected to the appointments page and can-do appointment. When user click on the "profile" link user directly can see own profile information and user when the click logout user directly signs out the website. Users can make an appointment with the members they want, and when the "my profile" button is pressed, users can visit their own profiles as shown Figure 2.6. Users can see the registered users on the main screen with profile pictures. Also, if users want to create an appointment with one of the contacts, the user can click on that person's profile and see the appointment table

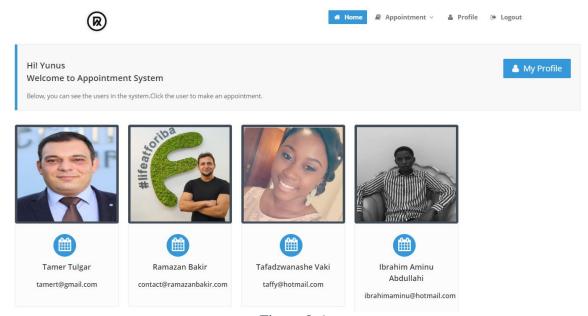


Figure 2.6:

When the user makes an appointment, they will see a screen like this as shown Figure 2.7.

Your appointment has been created.

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30 - 9:30	Busy					
9:30 - 10:30						
10:30 - 11:30						
11:30 - 12:30						
12:30 - 13:30						
13:30 - 14:30						
14:30 - 15:30						

Figure 2.2: Creating Appointment

A view from the appointment table. When any person receives an appointment, the cell will be painted red and when the user wants to make an appointment at the same time as shown Figure 2.8.

Not available on the date you selected. Please Select Different Time!

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30 - 9:30	Busy					
9:30 - 10:30						
10:30 - 11:30						
11:30 - 12:30						
12:30 - 13:30						
13:30 - 14:30						
14:30 - 15:30						

Figure 2.8: Appointment Clash

•

The user who wants to make an appointment can choose the appointment time and day as shown Figure 2.9.



Figure 2.9: Appointment Selection

Picture

Choose

Dosya Seç Dosya seçilmedi

Users can change their profile photos from this section as shown Figure 2.10.

Figure 2.10: Profile Picture Updating

Update

In this section users can update own profile and password as shown Figure 2.11.

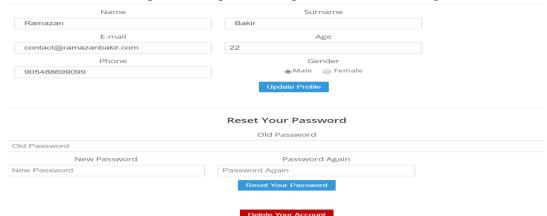


Figure 2.3: Updating Profile Information

If the user has not made any appointments, the table will look like this as shown Figure 2.12.

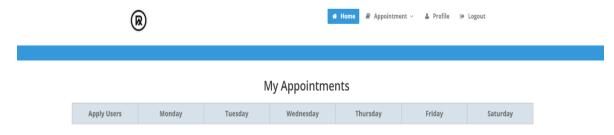


Figure 2.4:Free Appointment Table

If the user has made any appointments, the table will look like this as shown Figure 2.13.

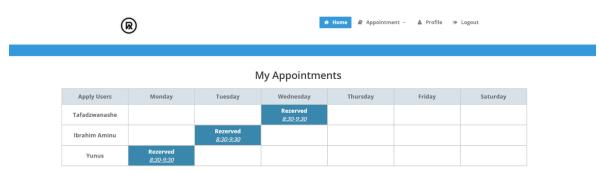


Figure 2.5:User Appointments

A view of user profile, when the user comes to the page of the person you will create an appointment, you will see the user information on the left side as shown Figure 2.14.

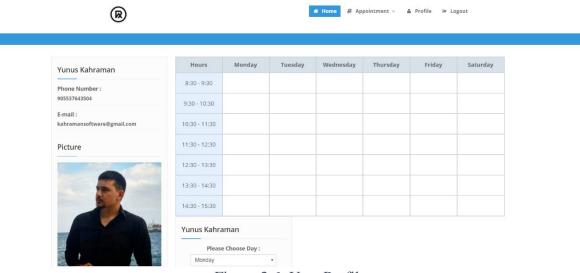


Figure 2.6: User Profile

2.2 Technical Part

In this sub-topic, how the works on the back-end side of the project are mentioned. Descriptions and details are given in the technical part of the work. This project includes PHP, HTML, CSS and some JS codes. In this project, the bootstrap framework was used at some part.

Database Connection

Database connection codes shown below. Using PDO techniquis

```
<?php
//Database Connection

try{

    $db=new PDO("mysql:host=localhost;dbname=rsistem;charse
t=utf8", 'root', 'ramazanyunus');

    // echo "database connection successfull";
}
catch(PDOExpception $e){
    echo $e->getMessage();
}
?>
```

Register Page Backend Part

```
<label>Age </label>
    <input type="number" class="form-</pre>
control" name="user age" placeholder="Enter Your Age">
  </div>
  <div class="form-group">
    <label>Email address
    <input type="email" class="form-</pre>
control" name="user email" placeholder="Enter email">
  </div>
  <div class="form-group">
    <label>Password</label>
    <input type="password" class="form-</pre>
control" name="user_pass" placeholder="Password">
  </div>
  <div class="form-group">
    <label>Gender </label><br>
    <input type="radio" name="user_gender" value="male"> Ma
le    
    <input type="radio" name="user_gender" value="famele">
Female
  </div>
   <div class="form-group">
    <label>Phone Number </label>
    <input type="Number" class="form-</pre>
control" name="user_phone" placeholder="Phone Number">
  </div>
  <div class="form-group">
    <label >Profile Picture</label>
    <input type="file" class="form-control-</pre>
file" name="user_picture">
  </div>
  <button type="submit" class="btn btn-</pre>
primary" name="btnSubmit">Submit</button>
</form>
```

The data from the register page was redirected to the "process.php" by post method

Process Data on the Process Page

\$ User_status = 1; The reason for manually entering 1 is to activate "user_status" Where \$ user_level = 2; I give 2 values to normal users manually Note only 1 admin.

```
$askusers=$db-
>prepare("SELECT * FROM users WHERE user_email=:mail");
  $check=$askusers->execute(array('mail'=>$user_email));
  $count=$askusers->rowCount();
  if ($count > 0) {

  header("Location:register.php?status=haveemail");
  } else {
  // image upload process
  $uploads_dir = 'img/users';
  @$tmp_name = $_FILES['user_picture']["tmp_name"];
  @$name = $_FILES['user_picture']["name"];
  // action to make the image's name unique.
  $benzersizsayi1=rand(20000,32000);
  $benzersizad=$benzersizsayi1;
```

Checks whether the entered email address exists in the database, ie checks whether such a record exists.

\$benzersizad=\$benzersizsayi1;

Operation for random addition of file name each time.

```
$refimgyol=substr($uploads_dir, 6)."/".$benzersizad.$name;
  @move_uploaded_file($tmp_name, "$uploads_dir/$benzersizad
$name");
$askdata=$db->prepare("INSERT INTO users SET
      user name=:name,
      user surname=:surname,
      user email=:mail,
      user gender=:gender,
      user pass=:pass,
      user_age=:age,
      user phone=:phone,
      user status=:status,
      user picture=:picture,
      user level=:level
      ");
    $insert = $askdata->execute(array(
      'name' => $user name,
      'surname' =>$user surname,
      'mail' =>$user email,
      'gender' =>$user gender,
      'pass' =>$user pass,
      'age' =>$user age,
      'phone' =>$user_phone,
      'status'=>$user status,
      'picture' =>$refimgyol,
      'level'=>$user level
    ));
```

Login Page Backend

The values that were posted from the form were checked.

It pulls the information of the users from the users table.

```
<?php
                   $askpro =$db-
>prepare("SELECT * FROM hours_89 where user_id=:id");
                   $askpro-
>execute(array('id' =>$profildatauser['user_id']));
                   $askaskproname=$askpro-
>fetch(PDO::FETCH_ASSOC);
                    ?>
                   <!-- Monday İçin -->
                 <?php if(strlen($askaskproname['mo'])>0)
< ?>
                   <td style="background-
color: #F85C50; color: #fff">Busy
                <?php } else { ?>
                 <?php } ?>
```

```
<?php if(strlen($askaskproname['tu'])>0) {
?>
                  <td style="background-
color: #F85C50; color: #fff">Busy
               <?php } else { ?>
                <?php } ?>
                <?php if(strlen($askaskproname['we'])>0)
< ? >
                  <td style="background-
color: #F85C50; color: #fff">Busy
               <?php } else { ?>
                <?php } ?>
                  <?php if(strlen($askaskproname['tur'])>
0) { ?>
                  <td style="background-
color: #F85C50; color: #fff">Busy
               <?php } else { ?>
                <?php } ?>
                <?php if(strlen($askaskproname['fri'])>0)
 { ;>
                  <td style="background-
color: #F85C50; color: #fff">Busy
               <?php } else { ?>
                <?php } ?>
                <?php if(strlen($askaskproname['sat'])>0)
 < ?>
                  <td style="background-
color: #F85C50; color: #fff">Busy
               <?php } else { ?>
```

```
<?php } ?>

</r>
```

It pulls the table information between 8.30-9.30.

```
<form action="appoinments-process.php" method="POST">
                     <label><strong>Please Choose Day :
 </strong></label>
                    >
                    <?php
                     $gunsor=$db-
>prepare("select * from days order by day_id ASC");
                     $gunsor->execute();
                        ?>
                    <select class="" required="" name="day_</pre>
name" >
                     <?php
                     while($guncek=$gunsor-
>fetch(PDO::FETCH ASSOC)) {
                        <option value="<?php echo $guncek['d</pre>
ay_name']; ?>"><?php echo $guncek['day_name']; ?></option>
                        <?php } ?>
```

```
</select>
                    <label><strong>Please Select Time
 :</strong></label>
                     >
                       <?php
                          $saatsor=$db-
>prepare("select * from hours order by hour id ASC");
                          $saatsor->execute();
                        ?>
                     <select class="select2_multiple form-</pre>
control" required="" name="hour_id" >
                      <?php
                     while($saatcek=$saatsor-
>fetch(PDO::FETCH_ASSOC)) {
                        ?>
                        <option value="<?php echo $saatcek['</pre>
hour_id']; ?>"><?php echo $saatcek['hour']; ?></option>
                        <?php } ?>
                      </select>
                     <input type="hidden" name="day_id" val</pre>
ue="<?php echo $guncek['day_id']; ?>">
                     <input type="hidden" name="user_id" va</pre>
lue="<?php echo $profildatauser['user_id'] ?>">
                      <input type="hidden" name="main_user_i</pre>
d" value=" <?php echo $datausers['user id'] ?>">
```

```
that the state of the s
```

Create an appointment to the contact backend form.

```
if (isset($_POST['applyaproinment'])) {
             $main user id=$ POST['main user id'];
             $user id =$ POST['user id'];
             $day name =$ POST['day name'];
             $hour id=$ POST['hour_id'];
           // $renduvusor=$db-
>prepare("SELECT * FROM hours 89 WHERE user id={$user id}")
             if ($hour id==1) {
              $saatsor=$db-
>prepare("SELECT * FROM hours 89 WHERE user id={$user id}"
);
              $saatsor->execute(array());
              $saatcek=$saatsor->fetch(PDO::FETCH ASSOC);
              $say=$saatsor->rowCount();
             if ($say >0) {
             if ($day name=="Monday") {
             if (strlen($saatcek['mo'])>0) {
              Header("Location:users-
data.php?status=fulldata&user id=$user id");
             }else {
               $gir=$db-
>prepare("UPDATE hours_89 SET mo=:monday,main_user_id=:main
id WHERE user id={$user id}");
```

```
$gir-
>execute(array('monday' =>$day_name,'mainid'=>$main_user_id
));
               if ($gir>0) {
                Header("Location:users-
data.php?status=ok&user_id=$user_id");
            } elseif ($day name=="Tuesday") {
             if (strlen($saatcek['tu'])>0) {
              Header("Location:users-
data.php?status=fulldata&user id=$user id");
             }else {
               $gir=$db-
>prepare("UPDATE hours 89 SET tu=:tousday WHERE user id={$u
ser id}");
               $gir->execute(array('tousday' =>$day name));
               if ($gir>0) {
                Header("Location:users-
data.php?status=ok&user_id=$user_id");
             }
            }elseif ($day name=="Wednesday") {
             if (strlen($saatcek['we'])>0){
              Header("Location:users-
data.php?status=fulldata&user id=$user id");
             }else {
               $gir=$db-
>prepare("UPDATE hours_89 SET we=:wednesday WHERE user_id=
{$user id}");
               $gir-
>execute(array('wednesday' =>$day_name));
               if ($gir>0) {
                Header("Location:users-
data.php?status=ok&user_id=$user_id");
```

```
}elseif ($day name=="Thursday") {
             if (strlen($saatcek['tur'])>0) {
              Header("Location:users-
data.php?status=fulldata&user id=$user id");
             }else {
               $gir=$db-
>prepare("UPDATE hours_89 SET tur=:tursday WHERE user_id={
$user id}");
               $gir->execute(array('tursday' =>$day name));
               if ($gir>0) {
                Header("Location:users-
data.php?status=ok&user id=$user id");
               }
             }
            }elseif ($day name=="Friday") {
             if (strlen($saatcek['fri'])>0) {
              Header("Location:users-
data.php?status=fulldata&user id=$user id");
             }else {
               $gir=$db-
>prepare("UPDATE hours 89 SET fri=:friday WHERE user id={$
user_id}");
               $gir->execute(array('friday' =>$day_name));
               if ($gir>0) {
                Header("Location:users-
data.php?status=ok&user id=$user id");
               }
             }
            }elseif ($day name=="Saturday") {
             if (strlen($saatcek['sat'])>0) {
              Header("Location:users-
data.php?status=fulldata&user id=$user id");
             }else {
```

```
$gir=$db-
>prepare("UPDATE hours 89 SET sat=:saturday WHERE user id=
{$user id}");
               $gir-
>execute(array('saturday' =>$day name));
               if ($gir>0) {
                Header("Location:users-
data.php?status=ok&user id=$user id");
             }
             } else {
                 if($day name=="Monday"){
                   $gir=$db-
>prepare("INSERT INTO hours_89 SET mo=:monday, user_id=:i
d,main user id=:mainid");
                   $gir-
>execute(array('monday'=>"Monday",'id' =>$user_id,'mainid'=
>$main user id));
                   if ($gir>0) {
                  Header("Location:users-
data.php?status=applyed&user id=$user id");
                 }elseif($day_name=="Tuesday"){
                   $gir=$db-
>prepare("INSERT INTO hours_89 SET tu=:tuesday, user_id=:
id,main_user_id=:mainid");
                   $gir-
>execute(array('tuesday'=>"Tuesday",'id' =>$user_id,'mainid
'=>$main user id));
                   if ($gir>0) {
                  Header("Location:users-
data.php?status=applyed&user id=$user id");
                 }elseif($day name=="Wednesday"){
```

```
$gir=$db-
>prepare("INSERT INTO hours 89 SET we=:wednesday, user id
=:id,main user id=:mainid");
                   $gir-
>execute(array('wednesday'=>"Wednesday",'id' =>$user id,'ma
inid'=>$main user id));
                   if ($gir>0) {
                  Header("Location:users-
data.php?status=applyed&user id=$user id");
                 }elseif($day name=="Thursday"){
                   $gir=$db-
>prepare("INSERT INTO hours_89 SET tur=:tursday, user_id=
:id,main user id=:mainid");
                   $gir-
>execute(array('tursday'=>"Thursday",'id' =>$user_id,'maini
d'=>$main user id));
                   if ($gir>0) {
                  Header("Location:users-
data.php?status=applyed&user id=$user id");
                 }elseif($day_name=="Friday"){
                   $gir=$db-
>prepare("INSERT INTO hours_89 SET fri=:friday, user_id=:
id,main_user_id=:mainid");
                   $gir-
>execute(array('friday'=>"Friday",'id' =>$user_id,'mainid'=
>$main user id));
                   if ($gir>0) {
                  Header("Location:users-
data.php?status=applyed&user id=$user id");
                 }elseif($day_name=="Saturday"){
                   $gir=$db-
>prepare("INSERT INTO hours_89 SET sat=:saturday, user_id
=:id,main user id=:mainid");
```

This is the process part of the appointment.

```
<div class="span12">
          <b>Apply Use
rs</b>
                 <?php
                 $askdays =$db-
>prepare("SELECT * FROM days");
                 $askdays->execute(array());
                 while ($askdaysname=$askdays-
>fetch(PDO::FETCH ASSOC)) { ?>
                 <?php echo $askdaysname['d</pre>
ay_name'] ?>
                 <?php } ?>
                   <?php
                              $askappoinment =$db-
>prepare("SELECT * FROM hours_89 where main_user_id=:id or
der by 89_id DESC");
                              $askappoinment-
>execute(array('id'=>$main_user_id));
                                   while ($askappoinm
entdetail=$askappoinment->fetch(PDO::FETCH_ASSOC)) {
                                   $user_id_users =
$askappoinmentdetail['user id'];
```

```
$askusers=$db-
>prepare("SELECT * from users where user id=:id");
                                       $askusers-
>execute(array('id' =>$user_id_users));
                                       $askusersdetail=$a
skusers->fetch(PDO::FETCH ASSOC);
                                        ?>
                                  <b><?php
 echo $askusersdetail['user name']; ?></b>
                      <!--Monday--
><?php if(strlen($askappoinmentdetail['mo'])>0) { ?>
                     <td style="height: 50px; background-
color: #3a87ad; color:#fff"><b>Rezerved</b><u><i> 8:
30-
9:30</i></u> <?php }else { ?> <td style="height: 50px;
 "><?php } ?>
                     <!--Tuesday--
><?php if(strlen($askappoinmentdetail['tu'])>0) { ?>
                     <td style="height: 50px; background-
color: #3a87ad; color:#fff"><b>Rezerved</b><u><i> 8:
30-
9:30</i></u> <?php }else { ?> <td style="height: 50px;
 "><?php } ?>
                      <!--Wednesday--
><?php if(strlen($askappoinmentdetail['we'])>0) { ?>
                     <td style="height: 50px; background-
color: #3a87ad; color:#fff"><b>Rezerved</b><u><i> 8:
30-
9:30</i></u> <?php }else { ?> <td style="height: 50px;
 "><?php } ?>
                      <!--Thursday--
><?php if(strlen($askappoinmentdetail['tur'])>0) { ?>
                     <td style="height: 50px; background-
color: #3a87ad; color:#fff"><b>Rezerved</b><u><i> 8:
```

```
30-
9:30</i></u> <?php }else { ?> <td style="height: 50px;
"><?php } ?>
                     <!--Friday--
><?php if(strlen($askappoinmentdetail['fri'])>0) { ?>
                    <td style="height: 50px; background-
color: #3a87ad; color:#fff"><b>Rezerved</b><u><i> 8:
30-
9:30</i></u> <?php }else { ?> <td style="height: 50px;
 "><?php } ?>
                     <!--Saturday--
><?php if(strlen($askappoinmentdetail['sat'])>0) { ?>
                    <td style="height: 50px; background-
color: #3a87ad; color:#fff"><b>Rezerved</b><u><i> 8:
30-
9:30</i></u> <?php }else { ?> <td style="height: 50px;
 "><?php } ?>
                                  <?php } ?>
```

Allows you to show the applicant's applications.

3 CONCLUSION

This project is an amateur simulation of appointment systems. Php, html, and css are used. The benefits of such projects are to facilitate human life. Through this project, we have learned about php usage, functions and syntax in general.

We have a better understanding of what kind of solutions to the problems we face with our researches and the problems we face.

A software with real life examples was developed written in PHP programming language. We have understood the missing manages of this project with the tests and uses we have

made and tried to make arrangements.

We learned how to work as a team, we faced a lot of difficulties, but we did not give up this product we uncovered.