6.3 IMPLEMENTATION DIFFICULTIES:

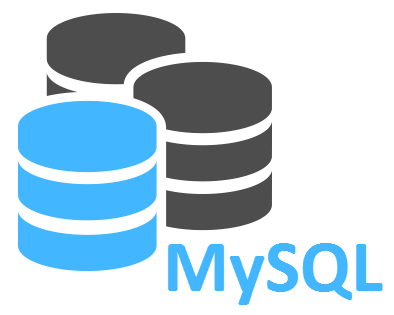
6.4 IMPLEMENTATION DETAILS:

as we see that our system includes both application and website, so here is specification for each platform .The application is advanced to be under android platform , we used PHP as API to allow the application being communicate with project server and MySQL as a database tool furthermore, JSON for data transformation and interchanging between our application and server.

API

My SQL DATABASE

Android application







JSON parser

**Figure 6-1 : Mobile application development**

In addition, for the website platform we used PHP as API to allow website pages being communicate with project server and MySQL as a database tool furthermore, JSON, AJAX for data transformation and interchanging between our pages and server to make

The usability more interactive by sharing small amounts of data with web provider.

**6.4.1 Code:**

In this section of the implementation chapter, we are going to mention parts of source code of main functions for the application and website.

**6.4.1.1 Organizer privilege:**

The organizer has a privilege to do many tasks after using the website and the application. In this figure we're going to display most of the functions that the organizer can do it after using the website/application.

Log In

Manage prize

Manage event

Manage certificate

Manage badge

Manage email

Manage subevent

Statistics

Add badge

Send email

Add event

Chose prize winner

edit badge

Create email template

Edit event

Show event details

**Figure 6-2 : organizer privilege interfaces**

**Table 6-4:Add event function code**

|  |
| --- |
| **Function name:** Add event |
| **Description :** this function allow the organizer to add event while he using the website |
| |  | | --- | | if (isset($\_SESSION['emailconfirm']) and $\_SESSION['emailconfirm'] == 1) { | |  | if (isset($\_POST['add'])) { | |  | $eventName = $\_POST['eventName']; | |  | $EventDescription = $\_POST['description']; | |  | $sdate = $\_POST['sdaytime'] . ' 00:00:00.000'; | |  | $datestart = date('Y-m-d', strtotime($sdate)); | |  | $edate = $\_POST['edaytime'] . ' 00:00:00.000'; | |  | $dateend = date('Y-m-d', strtotime($edate)); | |  | $location = $\_POST['location']; | |  | $organizationName = $\_POST['organizer']; | |  | $maxAttendee = $\_POST['maxAttendee']; | |  | if ($datestart > $dateend) { | |  | echo " <div class='alert alert-danger alert-dismissible'> | |  | <button type='button' class='close' data-dismiss='alert'>&times;</button> | |  | <strong> فشل </strong> يرجى التحقق من تاريخ بداية ونهاية الحدث | |  | </div> "; | |  | } else { | |  | $IDT = $\_SESSION['organizerID']; | |  | $sql = mysqli\_query($con, "INSERT INTO event ( event\_ID, name\_Event, descrption\_Event ,sartDate\_Event,endDate\_Event,location\_Event,organization\_name\_Event,maxNumOfAttendee,organizer\_ID) VALUES ('','$eventName','$EventDescription','$datestart','$dateend','$location','$organizationName','$maxAttendee','$IDT')") or die(mysqli\_error($con)); | |  | if ($sql) { | |  | header("location: /tactic/manageEvent.php"); | |  | exit; | |  | } else { | |  | echo " <div class='alert alert-danger alert-dismissible'> | |  | <button type='button' class='close' data-dismiss='alert'>&times;</button> | |  | <strong> فشل</strong> لم تتم عملية الاضافة بنجاح يرجى التحقق | |  | </div> "; | |  | } | |  | }} | |  | } else { | |  | echo " <div class='alert alert-danger alert-dismissible'> | |  | <button type='button' class='close' data-dismiss='alert'>&times;</button> | |  | <strong> يرجى</strong> تثبيت الايميل لكي تتمكن من أضافة حدث | |  | </div> "; | |  | } | |  | ?> | |

**Table 6-5: send email function code**

|  |
| --- |
| **Function name:** Send email |
| **Description :** This function allow the organizer to send email for all type of attendees |
| |  | | --- | | $mail = new PHPMailer\PHPMailer\PHPMailer(); | |  | $mail = new PHPMailer\PHPMailer\PHPMailer(); | |  | $mail->CharSet = "utf-8"; | |  | $mail->SMTPKeepAlive = true; | |  | $mail->SMTPOptions = array( | |  | 'ssl' => array( | |  | 'verify\_peer' => false, | |  | 'verify\_peer\_name' => false, | |  | 'allow\_self\_signed' => true | |  | ) | |  | ); | |  | $mail->IsSMTP(); // enable SMTP | |  | //$mail->SMTPDebug = SMTP::debugDumpParams; | |  | $mail->SMTPDebug = 0;// debugging: 1 = errors and messages, 2 = messages only | |  |  | |  | $mail->SMTPAuth = true; // authentication enabled | |  | $mail->SMTPSecure = 'tls'; // secure transfer enabled REQUIRED for Gmail | |  | $mail->Host = "smtp.gmail.com"; | |  | $mail->Port = 587; // or 587 | |  | $mail->IsHTML(true); | |  | $mail->Username = 'tacticevent131@gmail.com'; | |  | $mail->Password = 'marwa123456789'; | |  | $mail->setfrom('tacticevent131@gmail.com', 'tactic'); | |  | ////////////////////////////////////////////////////////////// | |  | if (isset($\_GET['event\_ID'])) { | |  | $event\_ID = $\_GET['event\_ID']; | |  | $query = mysqli\_query($con, "SELECT \* FROM event WHERE event\_ID = '$event\_ID' ") or die(mysqli\_error($con)); | |  | $rows = mysqli\_fetch\_array($query); | |  | $eventName = $rows['name\_Event']; | |  | $eventDate = $rows['sartDate\_Event']; | |  | if (isset($\_GET['all'])) | |  | $sql = mysqli\_query($con, "SELECT \* FROM attendee WHERE eventId = '$event\_ID' ") or die(mysqli\_error($con)); | |  | elseif (isset($\_GET['VIP'])) | |  | $sql = mysqli\_query($con, "SELECT \* FROM attendee WHERE eventId = '$event\_ID'AND VIPcode !=0") or die(mysqli\_error($con)); | |  | elseif (isset($\_GET['normal'])) { | |  | $sql = mysqli\_query($con, "SELECT \* FROM attendee WHERE eventId = '$event\_ID' AND VIPcode = 0 ") or die(mysqli\_error($con)); | |  | } //isset($\_GET['normal']) | |  | } //isset($\_GET['event\_ID']) | |  | if ($sql) { | |  | $x = 0; | |  | while ($row = mysqli\_fetch\_array($sql)) { | |  | $email\_Att[$x] = $row['email']; | |  | $mail->AddAddress($row['email']); | |  | $name[$x] = $row['name']; | |  | $mensaje = file\_get\_contents('emailTemplate.html'); | |  | $mensaje = str\_replace("{{USERNAME}}", $name[$x], $mensaje); | |  | $mensaje = str\_replace("{{eventName}}", $eventName, $mensaje); | |  | $mensaje = str\_replace("{{eventDate}}", $eventDate, $mensaje); | |  | $x++; | |  | if (isset($\_POST['submit'])) { | |  | $subject = $\_POST['subject']; | |  | $body = $\_POST['message']; | |  | if (isset($\_POST['logo'])) | |  | $logo = $\_POST['logo']; | |  | $mail->Subject = $subject; | |  | $mensaje = str\_replace("{{subject}}", $body, $mensaje); | |  | $mensaje = str\_replace("{{eventLogo}}", $logo, $mensaje); | |  |  | |  | $mail->Body = $mensaje ; | |  | if (!$mail->send()) { | |  | $masg = " <div class='alert alert-danger alert-dismissible'> | |  | <button type='button' class='close' data-dismiss='alert'>&times;</button> | |  | <strong> حدث خطأ </strong> غير متوقع ! فضلا حاول مرة اخرى. | |  | </div> "; | |