

Phase3 PHP:

As we discussed, I did the required features, however no additional features because php is really hard and it took so much time to grasp the idea of it.

I added in the zip file a word document for a database file because mamp uses a local database thus you need to create a database named “heba” and create tables to run everything. However, I’ll display with screenshots everything if you were unable to do so and in the demo you can check it directly.

I created 4 tables:

- ↳ contact
- ↳ event
- ↳ users
- ↳ volunteer

I’ll explain each one in the requirement checklist.

Checklist:

- ✓ show the use of php for backend-end form input validation
- demonstrate at least one use of regular expressions
- please go to the contact us page, I did authentication however I didn’t style the authentication.

```

if (isset($_REQUEST['submit'])) {

$errors = array();
    if (empty($_POST["name"])) {
        $errors[] = "Name is required";
    }
    else {
        $name = input_data($_POST["name"]);
        // check if name only contains letters and whitespace
        if (!preg_match("/^[a-zA-Z ]*$/",$name)) {
            $errors[] = "Only alphabets and white space are allowed";
        }
    }
}

if (empty($_POST["email"])) {
    $errors[] = "Email is required";
} else {
    $email = input_data($_POST["email"]);
    // check that the e-mail address is well-formed
    if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
        $errors[] = "Invalid email format";
    }
}

//Number Validation
if (empty($_POST["phone"])) {
    $errors[] = "Mobile no is required";
} else {
    $mobilenos = input_data($_POST["phone"]);
    // check if mobile no is well-formed
    if (!preg_match ("/^[0-9]*$/", $mobilenos) ) {
        $errors[] = "Only numeric value is allowed.";
    }
}

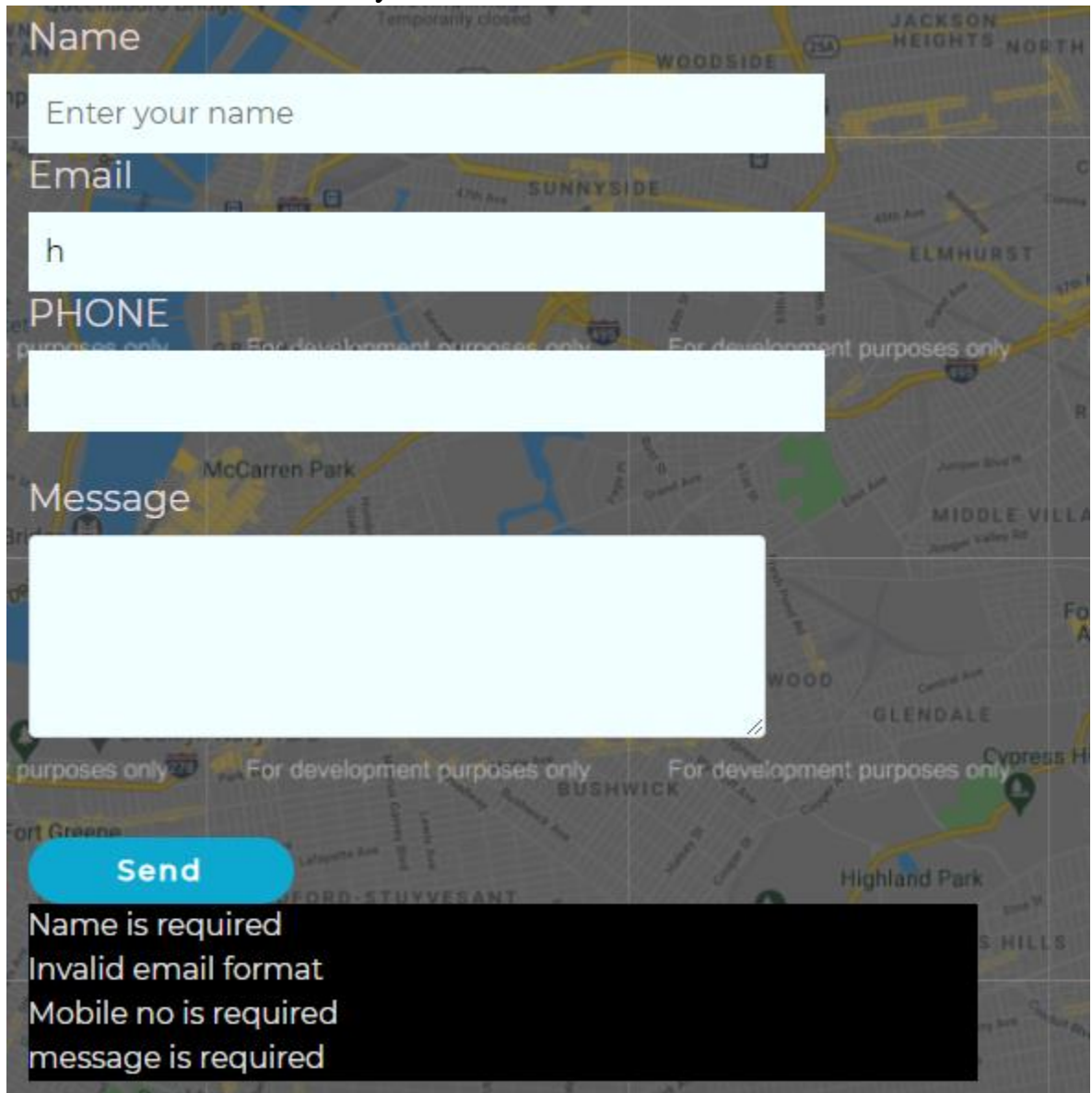
if (empty($_POST["message"])) {
    $errors[] = "message is required";
}
else {
    $message = input_data($_POST["message"]);
    // check if name only contains letters and whitespace
    if (!preg_match("/^[a-zA-Z ]*$/",$name)) {
        $errors[] = "Only alphabets and white space are allowed";
    }
}
}

```

However, I didn't include ind.php in contact us page because I used "action".

Regular expressions are the one in red (phone numbers between 0 and 9, letters A to Z. I would have added the regular expression for email which is `^[\\w-\\.]+@([\\w-]+\\.){2,4}$`

however, Filter validation email is more professional and it leads to same result so I wanted to show you both.



The screenshot shows a web form with four input fields: Name, Email, PHONE, and Message. The Name field contains 'h', the Email field contains 'h', and the Message field is empty. A blue 'Send' button is at the bottom. A black error box at the bottom contains the following text:

- Name is required
- Invalid email format
- Mobile no is required
- message is required

- ✓ implement the php code for forms parsing and processing of the HTTP request (GET, POST)
 - demonstrate at least one GET request
 - demonstrate at least one POST request

- ^^In the authentication I used a post request.
- In registration (server. Php) I used a post
- More importantly, in admin page to edit event, delete event and add event I used post.

```

}
if(isset($_POST['edit_event'])){
    $errors = array();
    if (empty($_POST["date"])) {
        $errors[] = "Date is required";
    }
    if (empty($_POST["price"])) {
        $errors[] = "Price is required";
    }
    if (empty($_POST["hours"])) {
        $errors[] = "Hours is required";
    }
    if (empty($_POST["place"])) {
        $errors[] = "Place is required";
    }
    if (empty($_POST["band"])) {
        $errors[] = "Band is required";
    }
    if (empty($_POST["volunteer"])) {
        $errors[] = "Volunteer is required";
    }
    if(count($errors) == 0){
        $date = $_POST['date'];
        $price = $_POST['price'];
        $hours = $_POST['hours'];
        $place = $_POST['place'];
        $band = $_POST['band'];
        $volunteer = $_POST['volunteer'];
        $query = "UPDATE event SET date = '$date', price = '$price' , hours = '$hours', place = '$place', band='$band', volunteer='$volunteer'
        WHERE id = $id";
        mysqli_query($conn, $query);
    }
}
}
<form method="POST" action="" class="container">
    <h1>Edit Event</h1>

```

- edit in the admin page (edit-event. Php)

```

$id = $_GET['id'];
$query = "SELECT * FROM event WHERE id = $id";
$results = mysqli_query($conn, $query);
$row = mysqli_fetch_assoc($results);
if (mysqli_num_rows($results) == 1) {
    $id = $row['id'];
    $date = $row['date'];
    $price = $row['price'];
    $hours = $row['hours'];
    $place = $row['place'];
    $band = $row['band'];
    $volunteer = $row['volunteer'];
}

```

- ✓ demonstrate persisting form data, so that if there is an error in the submitted form, the data remains in the form fields.

```
<input type="text" name="name" placeholder="Enter your name" value="<?php echo $_POST["name"] ?>" style="background: azure; color: black;">
</h5>
<label for="email">Email</label>
</h5>
<input type="text" name="email" placeholder="Enter your email"
      value="<?php echo $_POST["email"] ?>" style="background: azure; color: black;">
</h5>
```

the echo post permits keeping the data in the form field.

- ✓ make use of cookies and sessions for user authentication.
 - demonstrate starting a session when the user logs in, storing login information to the session, and destroying the session when the user logs out.

➤ logout.php page

```
logout.php
1  <?php
2  session_start();
3  unset($_SESSION["username"]);
4  unset($_SESSION["is_admin"]);
5  session_destroy();
6  header("Location:/dowi/login/login.php");
7  ?>
```

➤ server. Php

```

// Finally, register user if there are no errors in the form
else if (count($errors) == 0) {
    $password = $password_1;//encrypt the password before saving in the database

    $query = "INSERT INTO users (username, email, password, is_admin)
    | | | VALUES('$username', '$email', '$password', 0)";
    mysqli_query($conn, $query);
    $_SESSION['success'] = "You are now logged in";
    header("location: /dowi/login/signup.php");
}

(isset($_POST['login_user'])) {
    $username = $_POST['username'];
    $password = $_POST['password'];

    if (empty($username)) {
        $errors[] = "Username is required";
    }
    if (empty($password)) {
        $errors[] = "Password is required";
    }

    if (count($errors) == 0) {
        $query = "SELECT * FROM users WHERE username='$username' AND password='$password'";
        $results = mysqli_query($conn, $query);
        $row = mysqli_fetch_assoc($results);
        if (mysqli_num_rows($results) == 1) {
            $_SESSION['username'] = $username;
            $_SESSION['is_admin'] = $row['is_admin'];
            $_SESSION['success'] = "You are now logged in";
            if($row['is_admin'] == 1){
                header("location: /dowi/admin.php");
            }else{

```

I added the name of the login user but in the page because I didn't want to miss up the other page's cause only business websites add the name of the user as an icon however this is a blog website, however to do you requirement.

Login

you are logged in as ali [logout](#)

Username

Password

Submit

[Home](#)

^^ali is an admin in the database he's logged in now.

✓ demonstrate the use of include or require

```
<link rel="stylesheet" href="style.css">
<?php include '/ind.php';?>
<title>Humanity is calling </title>
</head>
```

we used ind.php in volunteer page to take advantage of the php authentication.

✓ demonstrate connection to MySQL or MongoDB

you can go to the file connection. php.

```

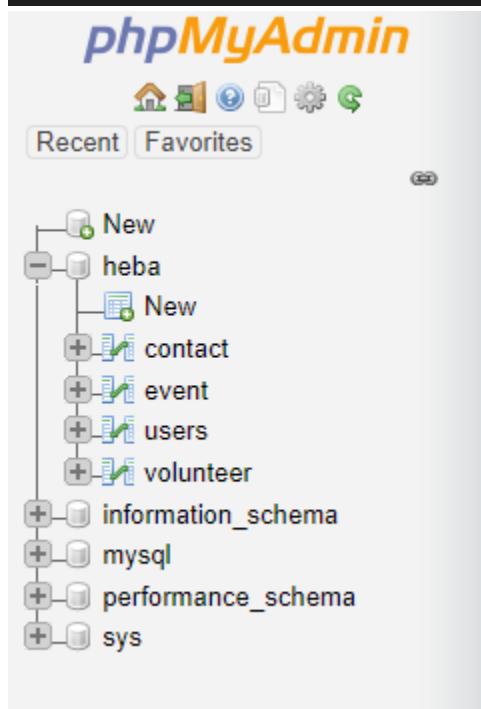
<?php
session_start();
$servername = "localhost";
$username = "root";
$password = "root";
$db = "heba";

$conn = mysqli_connect($servername, $username, $password, $db);

if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}

?>

```



The screenshot shows a contact form overlaid on a map background. The form has the following fields:

- Name:** A text input field with the placeholder text 'Enter your name'.
- Email:** A text input field with the placeholder text 'Enter your email'.
- PHONE:** A text input field.
- Message:** A large text area for the message.
- Send:** A blue button to submit the form.



Contact database:

the contact form in (contact page) is linked to the database

Showing rows 0 - 3 (4 total, Query took 0.0009 seconds.)

SELECT * FROM `contact`

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

				id	name	email	message	number
<input type="checkbox"/>	Edit	Copy	Delete	1	aaa	heba.rachid@lau.edu	thanks	76882551
<input type="checkbox"/>	Edit	Copy	Delete	2	aaa	aa	h	76882551
<input type="checkbox"/>	Edit	Copy	Delete	3	heba	aaaa@gmail.com	hhh	72722
<input type="checkbox"/>	Edit	Copy	Delete	4		h		

☐ Check all | With selected: Edit Copy Delete Export

```
CREATE TABLE `contact` (
  `id` int(11) NOT NULL PRIMARY KEY AUTO_INCREMENT,
  `name` varchar(255) NOT NULL,
  `email` varchar(255) NOT NULL,
  `message` text NOT NULL,
  `number` varchar(255) NOT NULL
);
```

Note that: the data used is only for testing purposes.



event database:

This is an interesting query because not only an event is added by the admin to the database however it is directly added to the volunteer webpage.

I'll demonstrate.

```
CREATE TABLE `event` (
  `id` int(11) NOT NULL PRIMARY KEY AUTO_INCREMENT,
  `date` text NOT NULL,
  `price` text NOT NULL,
  `hours` text NOT NULL,
  `place` text NOT NULL,
  `band` text NOT NULL,
  `volunteer` text NOT NULL
);
```

to enter the admin page, you need to be an admin

in the user table we have an is_admin Boolean if it is set to 1 then he/she is an admin.

Event

add event

DATEPriceHOURSPLACEBANDVOLUNTEER

Previous123Next

click add event.

Add Event

Date

Enter email

price

Enter price

hours

Enter hours

place

Enter place

band

Enter band

volunteer

Enter volunteer

Submit

Add Event

Date

12-12-2020

price

1212

hours

12

place

beirut

band

rock

volunteer

heba.rachd@lau.edu|

Submit

Add Event

Date

Enter Date

price

Enter price

hours

Enter hours

place

Enter place

band

Enter band

volunteer

Enter email

Submit

Home

Date is required

Price is required

Hours is required

Place is required

Band is required

Volunteer is required

we have data authentication if you didn't add them correctly.

Home page takes you to volunteer page where you can see directly that you are added

Event date	average price	average hours	place	band	Volunteer
12-12-2020	1212	12	beirut	rock	heba.rachd@lau.edu

+ Options

		id	date	price	hours	place	band	volunteer
<input type="checkbox"/>	Edit Copy Delete	1	12-12-2020	1212	12	beirut	rock	heba.rachd@lau.edu
	<input type="checkbox"/> Check all	With selected:		Edit Copy Delete Export				

you can also edit directly and delete and they will change from the admin page in db and in website.

















user.php

user.php is the most important table created as it is used for sign up and addressing whether this person is an admin or not.

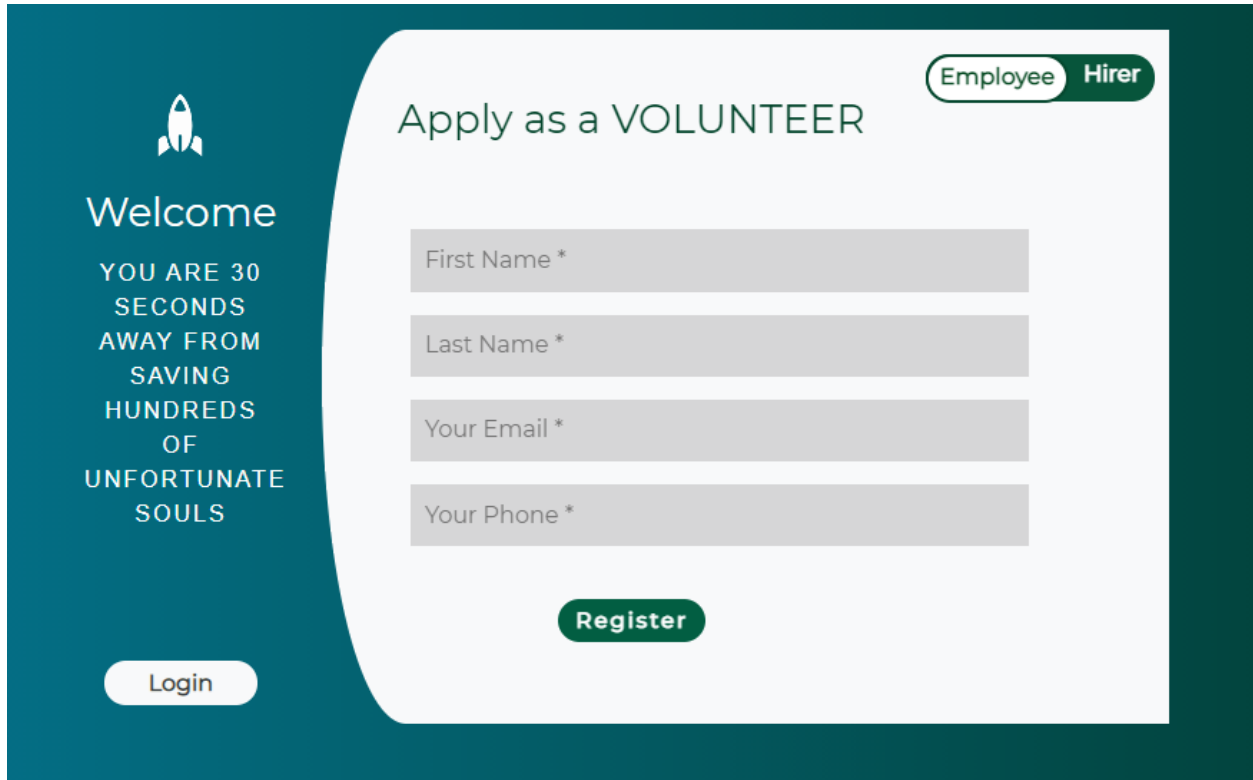
You can check ind.php for the authentication and values.

```
CREATE TABLE `users` (
  `id` int(11) NOT NULL PRIMARY KEY AUTO_INCREMENT,
  `email` text NOT NULL,
  `username` varchar(255) NOT NULL,
  `password` text NOT NULL,
  `is_admin` tinyint(1) DEFAULT '0'
) ;
```

+ Options

				id	email	username	password	is_admin
<input type="checkbox"/>	 Edit	 Copy	 Delete	1	heba.rachid@lau.edu	afa	ss	0
<input type="checkbox"/>	 Edit	 Copy	 Delete	2	heba.rachid@lau.eduuuu	student135	12345678	0
<input type="checkbox"/>	 Edit	 Copy	 Delete	3	dowi@gmail.com	husseindowi	12345678	1
<input type="checkbox"/>	 Edit	 Copy	 Delete	4	oo@hh.com	ooo	1212	1
<input type="checkbox"/>	 Edit	 Copy	 Delete	5	ahmad@lau.com	ahmadsaab	1212	1
<input type="checkbox"/>	 Edit	 Copy	 Delete	6	ali@gmail.com	ali	12	1

 Volunteer:



Welcome

YOU ARE 30 SECONDS AWAY FROM SAVING HUNDREDS OF UNFORTUNATE SOULS

Login

Apply as a VOLUNTEER

Employee Hirer

First Name *

Last Name *

Your Email *

Your Phone *

Register

You can register as a volunteer and it is kept in our databases:

+ Options							
			id	first_name	last_name	email	phone
<input type="checkbox"/>	Edit	Copy	Delete	1	heba	rachid	heba.rachid@lau.edu 76882551

The admin then links the volunteer with the event (however I stucked to the requirements so I implemented everything based on the volunteer no extra stuff but after this semester ends I'll make it more functional.

✓ demonstrate CRUD

The edit, delete and insert in the admin page demonstrate all crud function.

each one has a page on its own. (edit-even.php... add-event.php...delete-event.php).

for edit:

```

        if(count($errors) == 0){
            $date = $_POST['date'];
            $price = $_POST['price'];
            $hours = $_POST['hours'];
            $place = $_POST['place'];
            $band = $_POST['band'];
            $volunteer = $_POST['volunteer'];
            $query = "UPDATE event SET date = '$date', price = '$price' , hours = '$hours', place = '$place', band = '$band', volunteer = '$volunteer'
            WHERE id = $id";
            mysqli_query($conn, $query);
        }
    }
    ?>

<form method="POST" action="" class="container">
    <h1>Edit Event</h1>
    <hr>

```

for delete:

```

delete-event.php
<?php
include("connection.php");

if(isset($_POST['delete_event'])){
    $id = $_POST['id'];
    echo $id;
    $sql = "DELETE FROM event WHERE id='$id'";
    mysqli_query($conn, $sql);
}
header("location: admin.php");
?>

```

for insert:

```

    }
    if(count($errors) == 0){
        $date = $_POST['date'];
        $price = $_POST['price'];
        $hours = $_POST['hours'];
        $place = $_POST['place'];
        $band = $_POST['band'];
        $volunteer = $_POST['volunteer'];
        $query = "INSERT INTO event (date, price, hours, place, band, volunteer)
        VALUES('$date', '$price', '$hours', '$place', '$band', '$volunteer')";
        mysqli_query($conn, $query);
    }
}
?>

```

add event					
DATE	Price	HOURS	PLACE	BAND	VOLUNTEER
12-12-2020	1212	12	beirut	rock	heba.rachd@lau.ei
					del edit

Previous
1
2
3
Next

click on any button.

Functional buttons that you need to care about:

- admin page: add, edit, delete
- donation page: donate (in the three cards) it will direct you to a cart then to a submit form
- contact in each page.