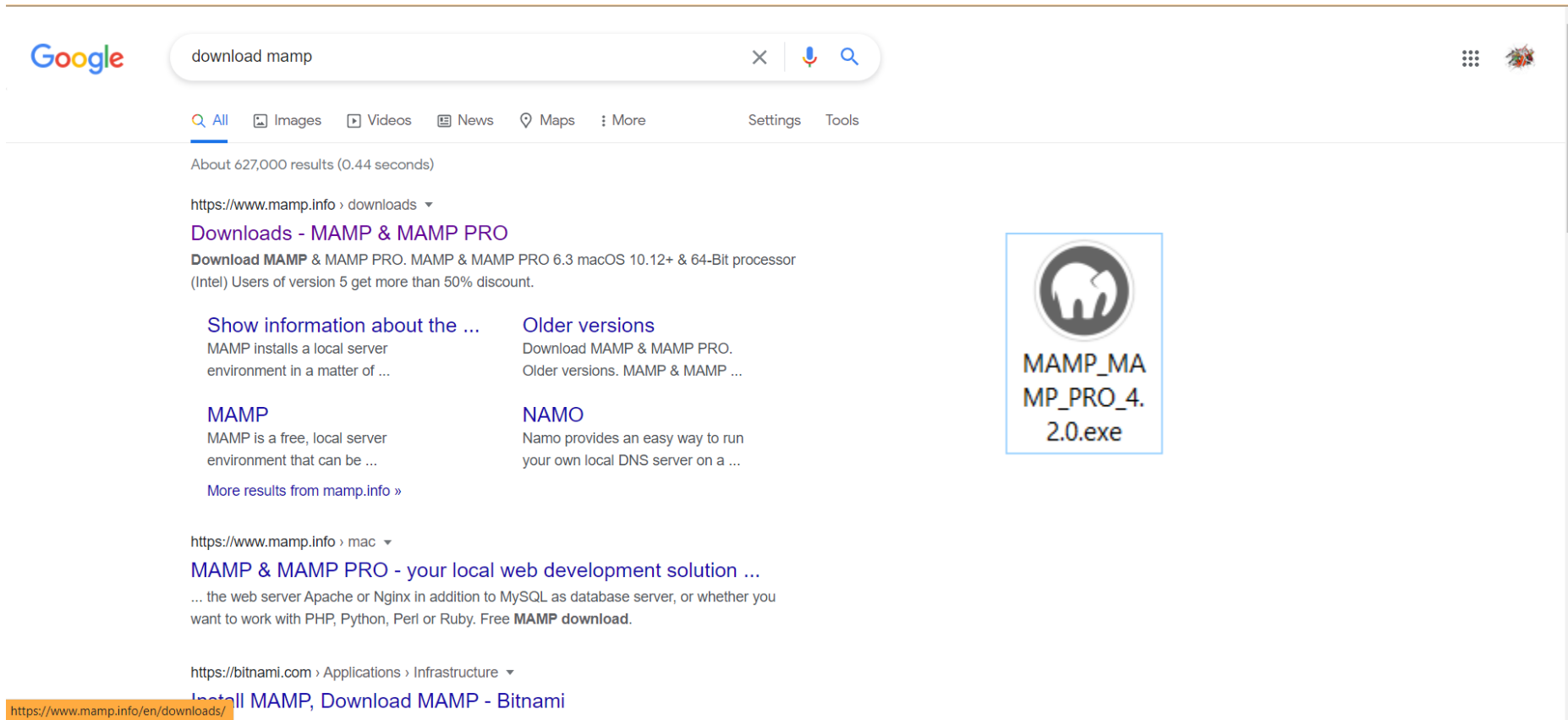


# Download MAMP (local database)



<https://www.mamp.info/en/downloads/>

# Localhost/MAMP

Check these 2 must be on. If not on  
just click start servers



Apache Server ☒  
MySQL Server ☒

Cloud ☐



Cloud



Open WebStart page

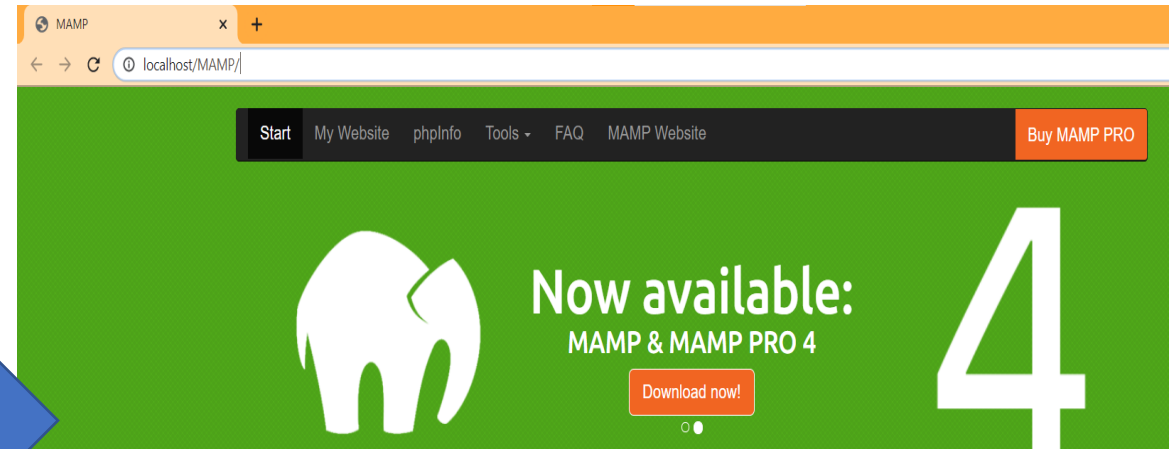


Stop Servers

**New on MAMP TV:**  
Transferring your  
MAMP PRO host to a server

Try MAMP PRO

Watch on MAMP.TV



## PHP

phpinfo shows the current configuration of PHP.

## MySQL

MySQL can be administered with [phpMyAdmin](#).

To connect to the MySQL server from your own scripts use the following connection parameters:

Host	localhost
Port	3306
User	root
Password	root

## Examples

## MAMP Version

4.2.0 → Your version is up-to-date.

## News

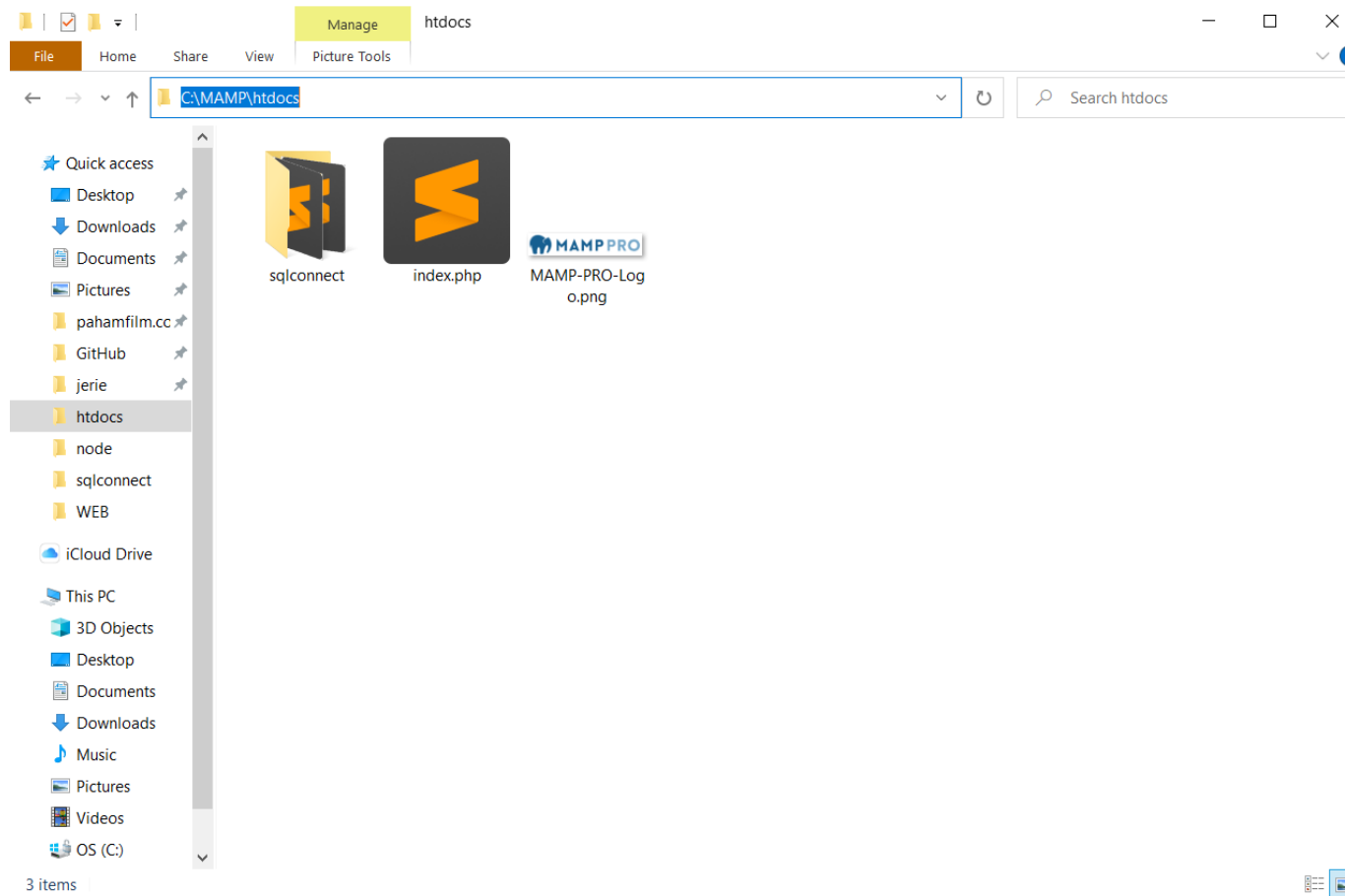
[MAMP & MAMP PRO 4.1.1 out now](#)

February, 2017 - **Version 4.1.1 is out now** - comes with German localization

- Added german localisation
- Initial TouchBar support on MacBook Pro 2016
- Automatically deleting a database when deleting a host fixed
- Some functions can now only be used if the active servers are using the current configuration
- Solved PHP 7.1 configuration quirks

New components:

# Copy the sqlconnect



Go to MAMP folder -> htdocs -> paste the sqlconnect file

# Create database

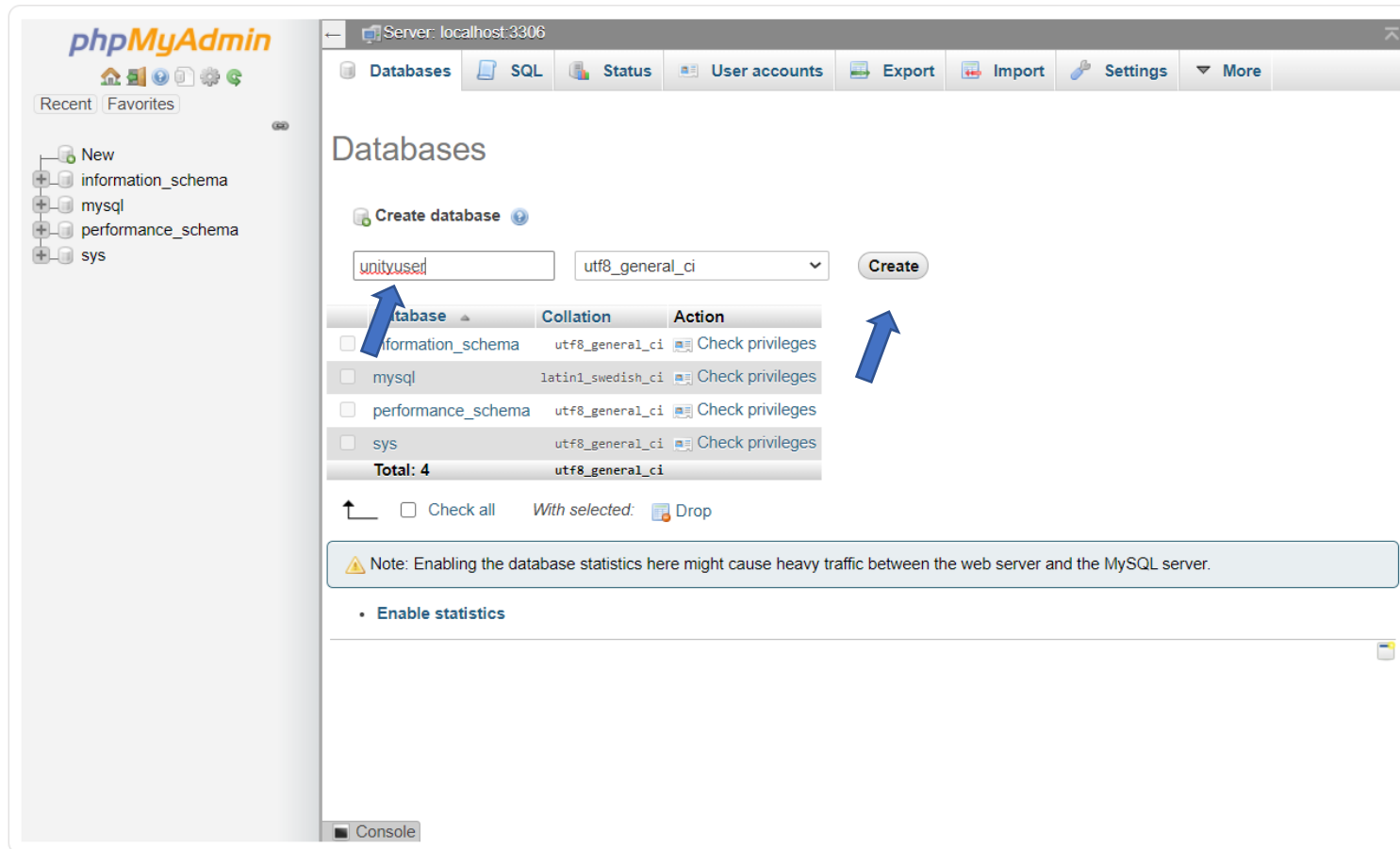
The screenshot shows the phpMyAdmin web interface. The top navigation bar includes tabs for Databases, SQL, Status, User accounts, Export, Import, Settings, and More. The 'Databases' tab is selected, and a blue arrow points to it. On the left sidebar, there is a 'Recent' and 'Favorites' section, and a tree view showing a 'New' button and several databases: information\_schema, mysql, performance\_schema, and sys. The main content area is divided into several panels:

- General settings:** Contains a 'Server connection collation' dropdown set to 'utf8mb4\_unicode\_ci'.
- Appearance settings:** Contains a 'Language' dropdown set to 'English', a 'Theme' dropdown set to 'pmahomme', and a 'Font size' dropdown set to '82%'. There is also a 'More settings' link.
- Database server:** Lists server details:
  - Server: localhost via TCP/IP
  - Server type: MySQL
  - Server connection: SSL is not being used
  - Server version: 5.7.24 - MySQL Community Server (GPL)
  - Protocol version: 10
  - User: root@localhost
  - Server charset: UTF-8 Unicode (utf8)
- Web server:** Lists web server details:
  - Apache/2.2.31 (Win32) DAV/2 mod\_ssl/2.2.31 OpenSSL/1.0.2h mod\_fcgid/2.3.9 mod\_wsgi/3.4 Python/2.7.6 PHP/7.4.1 mod\_perl/2.0.8 Perl/v5.16.3
  - Database client version: libmysql - mysqlnd 7.4.1
  - PHP extension: mysqli, curl, mbstring
  - PHP version: 7.4.1
- phpMyAdmin:** Lists version and links:
  - Version information: 4.9.5
  - Documentation
  - Official Homepage
  - Contribute
  - Get support
  - List of changes

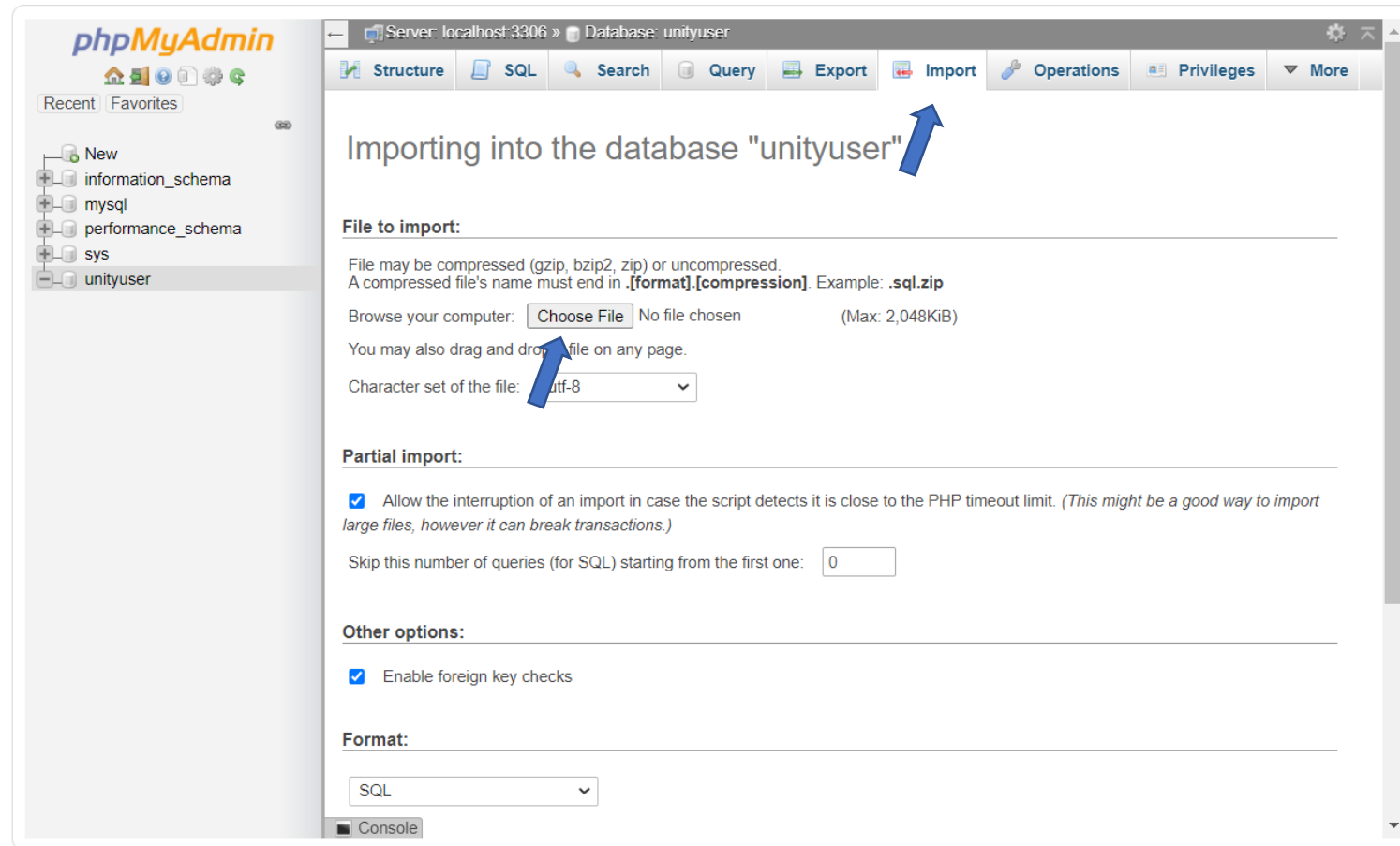
At the bottom left, there is a 'Console' tab.

# Create database

Database name must be unityuser, if not we must change the code again in Unity later



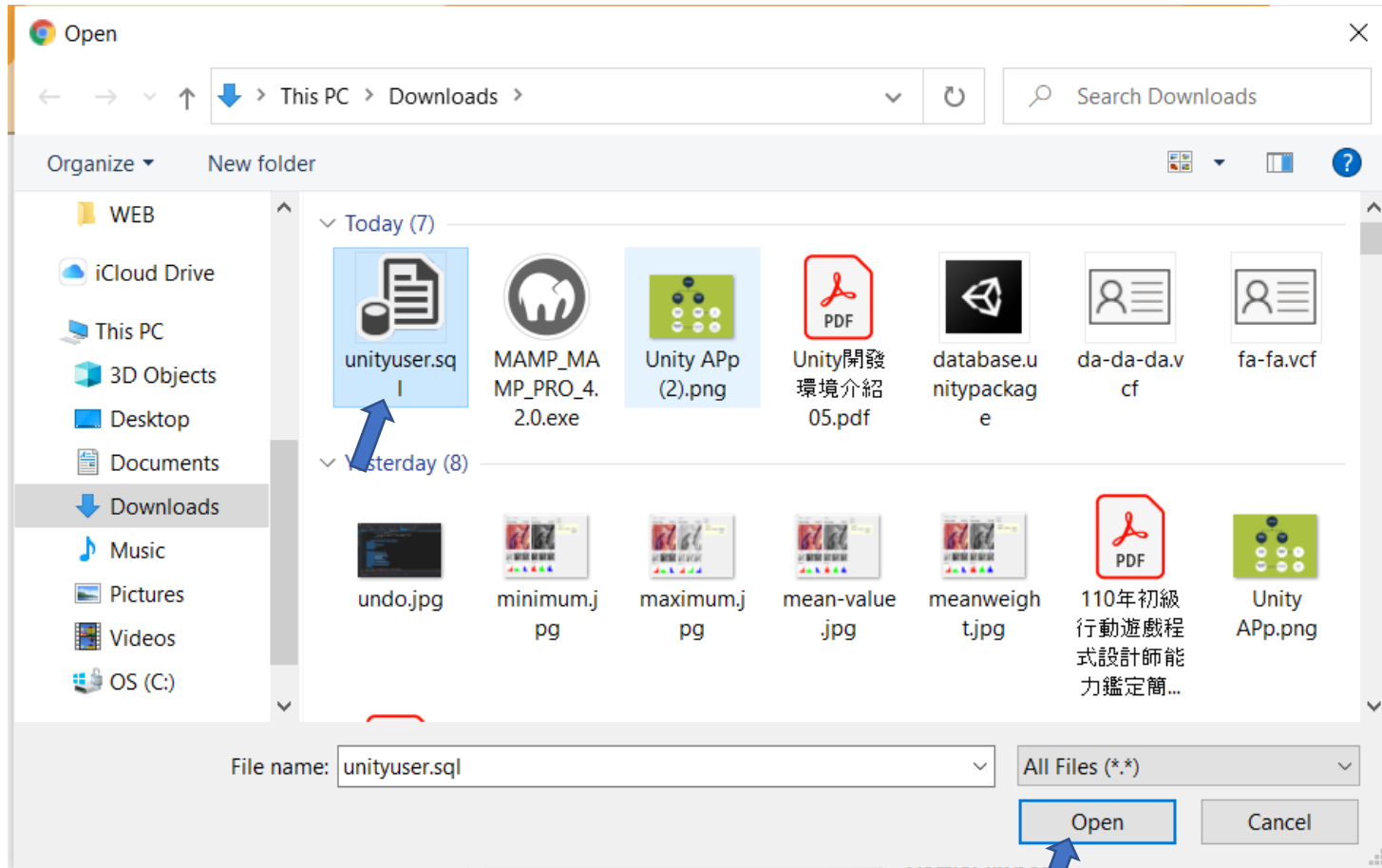
# Import database table and data



Inside unityuser database  
click import menu and click  
choose file

# Import database

Import the table and data. File name is unityuser.sql





# Database

Must have unityuser database

# Database table

Start My Website phpInfo Tools FAQ MAMP Website Buy MAMP PRO

phpMyAdmin

Recent Favorites

- New
- information\_schema
- mysql
- performance\_schema
- sys
- unityuser
  - New
  - users

Server: localhost:3306 » Database: unityuser » Table: users

Browse Structure SQL Search Insert Export Import Privileges More

Showing rows 0 - 11 (12 total, Query took 0.0003 seconds.)

SELECT \* FROM `users`

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

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

+ Options

		id	mandarin_name	english_name	job	phone_number	fixed_number	mobile_number
<input type="checkbox"/>	Edit Copy Delete	10	a	david	student	000	111	222
<input type="checkbox"/>	Edit Copy Delete	11	啊	amar	studnet	08133333	1111	22222
<input type="checkbox"/>	Edit Copy Delete	14	裏	maserati	doctor	111	111	111
<input type="checkbox"/>	Edit Copy Delete	15	aaaa	vvvvasdf	asdf	asdf	asdf	asdf
<input type="checkbox"/>	Edit Copy Delete	22	aaa	aaaa	aaa	aaa	aaa	aaa
<input type="checkbox"/>	Edit Copy Delete	26	林	jackson	aaa	999	aaa	aaa
<input type="checkbox"/>	Edit Copy Delete	27	用	michigan	cleaning service	3645678	12345	55555
<input type="checkbox"/>	Edit Copy Delete	28	陳	chen	dancer	08123333654	1234	1234
<input type="checkbox"/>	Edit Copy Delete	29	哦	obbbb	aaaa	3654566	123123	123123
<input type="checkbox"/>	Edit Copy Delete	30	發	fa	aaasadf	01923891	000	111
<input type="checkbox"/>	Edit Copy Delete	32	大大	da	aaasadf	0322155	000	111
<input type="checkbox"/>	Edit Copy Delete	33	黎	jeriel	student	012356456456	111	111

☐ Check all With selected: Edit Copy Delete Export

Console

unityuser database contains users table

# Database structure

Server: localhost:3306 » Database: unityuser » Table: users

Table structure

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(10)			No	None		AUTO_INCREMENT	Change Dro
2	mandarin_name	varchar(5)	utf8_general_ci		No	None			Change Dro
3	english_name	varchar(20)	utf8_general_ci		No	None			Change Dro
4	job	varchar(50)	utf8_general_ci		No	None			Change Dro
5	phone_number	varchar(15)	utf8_general_ci		No	None			Change Dro
6	fixed_number	varchar(15)	utf8_general_ci		No	None			Change Dro
7	mobile_number	varchar(15)	utf8_general_ci		No	None			Change Dro
8	address	varchar(60)	utf8_general_ci		No	None			Change Dro
9	email	varchar(60)	utf8_general_ci		No	None			Change Dro
10	hash	varchar(100)	utf8_general_ci		No	None			Change Dro

Unique key = no duplicate phone\_number for every user

Varchar is the same with string

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Dro	PRIMARY	BTREE	Yes	No	id	12	A	No	
Edit Dro	phone_number	BTREE	Yes	No	phone_number	12	A	No	

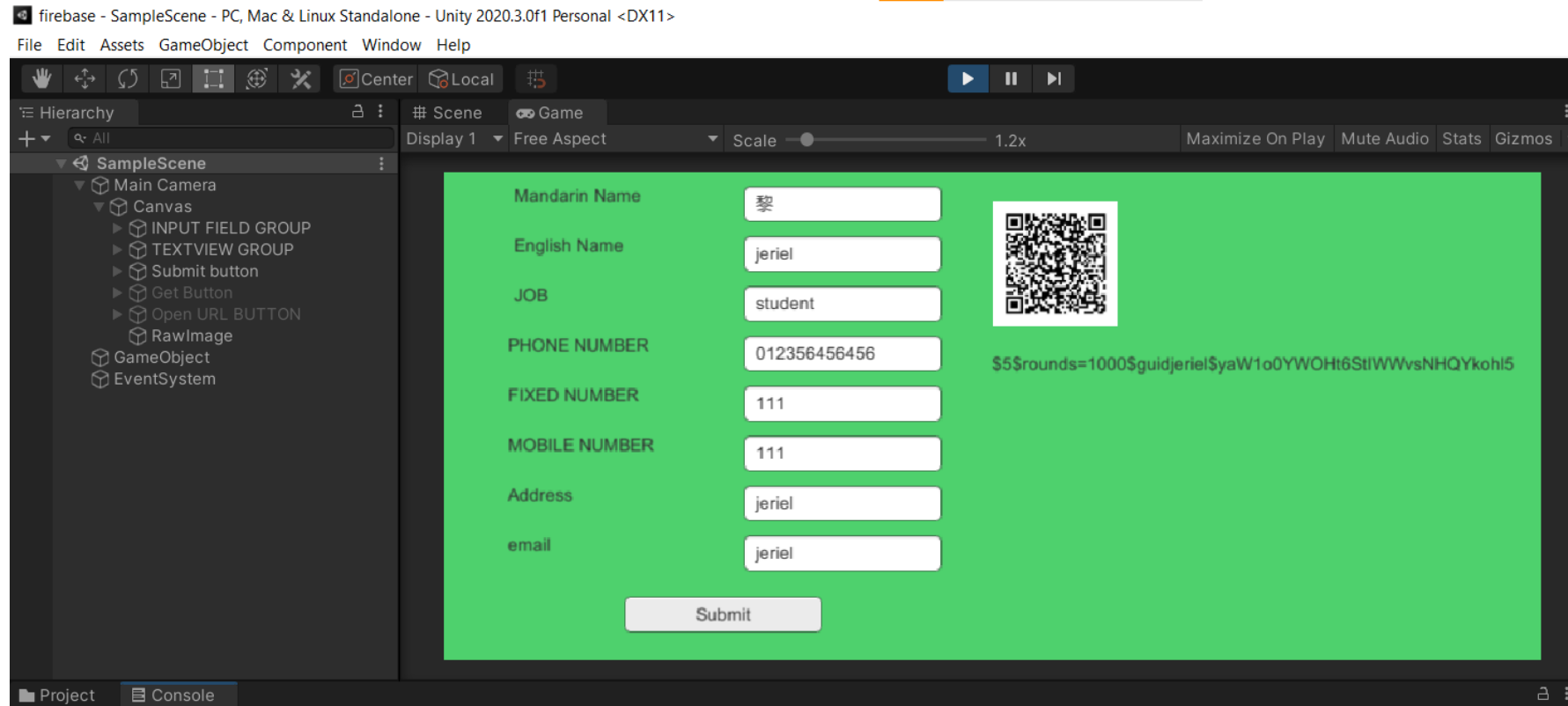
# Unity CreateData.cs

```
File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help Search (Ctrl+Q)
Assembly-CSharp.Player CreateData Register()
0 references
public void CallRegister()
{
    StartCoroutine(Register());
}
1 reference
IEnumerator Register()
{
    //if need more field just create new one
    //The format of AddField("database fieldName", unity input.text);
    WWWForm form = new WWWForm();
    form.AddField("mandarinName", inputMandarinName.text);
    form.AddField("englishName", inputEnglishName.text);
    form.AddField("job", inputJob.text);
    form.AddField("phoneNumber", inputPhoneNumber.text);
    form.AddField("fixedNumber", inputFixedNumber.text);
    form.AddField("mobileNumber", inputMobileNumber.text);
    form.AddField("address", inputAddress.text);
    form.AddField("email", inputEmail.text);
    WWW www = new WWW("http://localhost/sqlconnect/register.php");
    yield return www;
    if(www.text == "0")
    {
        Debug.Log("User created successfully");
    }
    else
    {
        Debug.Log("User creation fail"+www.text);
    }
}
```

The form variable  
name must match  
with register.php  
post variable  
name ex:  
mandarinName

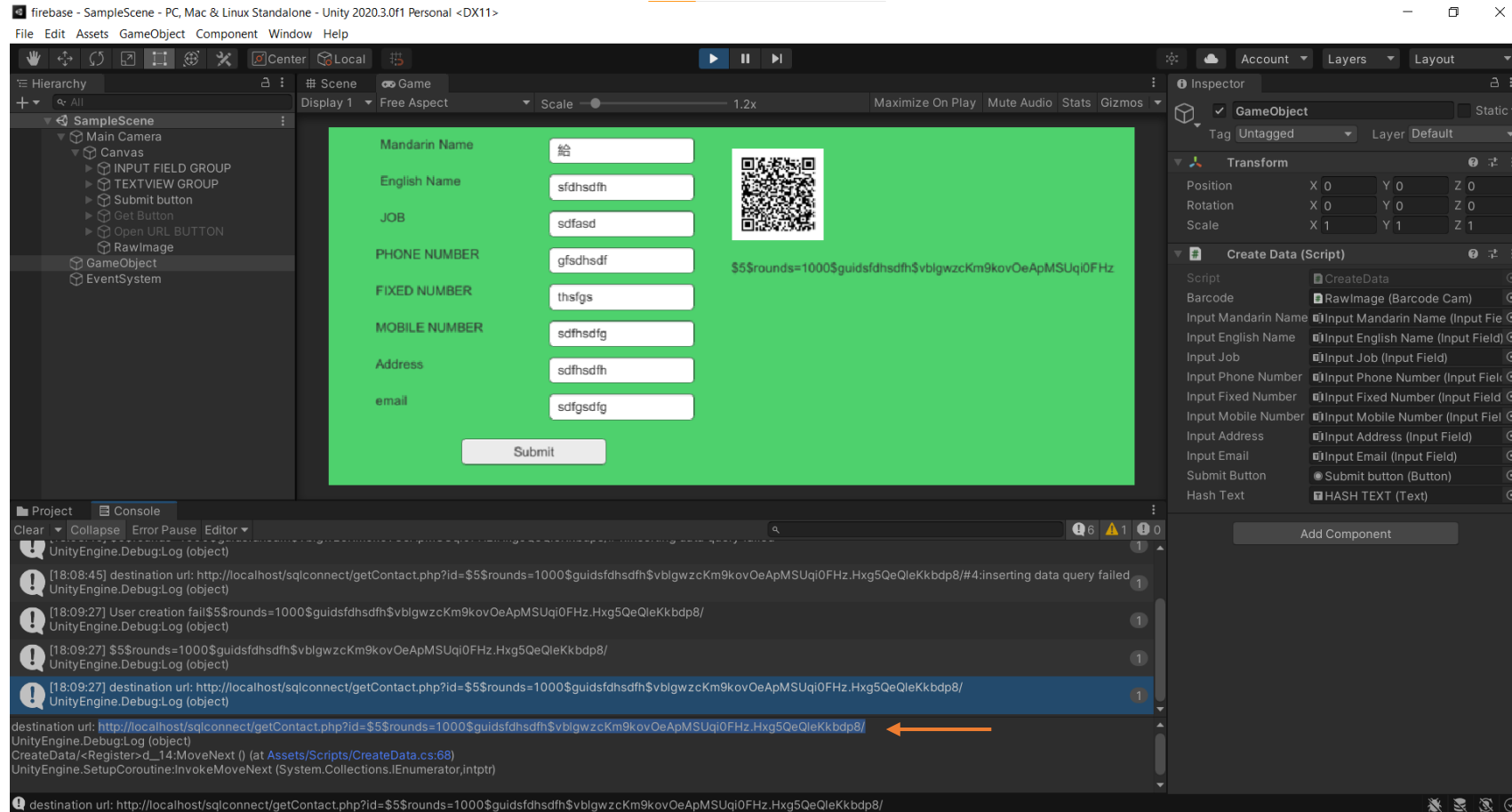
```
connect(register.php (Web Design, jquery, B10817055 黎信義, final, WEB) - Sublime Text (UNREGISTERED)
nd View Goto Tools Project Preferences Help
createContact.php x getContact.php x index.php x register.php x success.php x
1 <?php
2
3 $con = mysqli_connect('localhost','root','root','unityuser');//localhost e diganti acruarl url of database nanti
4
5 //check that connection happen
6 if(mysqli_connect_error())
7 {
8     echo "#1 connection failed";//error code number 1 = conenction fail
9     exit();
10 }
11
12 //the post variable name must match with unit
13 $mandarin_name = $_POST["mandarinName"];
14 $english_name = $_POST["englishName"];
15 $job = $_POST["job"];
16 $phone_number = $_POST["phoneNumber"];
17 $fixed_number = $_POST["fixedNumber"];
18 $mobile_number = $_POST["mobileNumber"];
19 $address = $_POST["address"];
20 $email = $_POST["email"];
21
22
23
24
25 /*
26 //check if name already exist
27 $nameCheckQuery = "SELECT english_name from users WHERE english_name=" . $englishName . " ";
28
29 $nameCheck = mysqli_query($con, $nameCheckQuery) or die("#2: name check query fail");//error code #2 name check error
30
31 if(mysqli_num_rows($nameCheck)>0)
32 {
33     echo "#3: name already exist";//error code 3 name exist cannot register
34     exit();
35 }
36
37 */
38
39
40
41
42 //add user to table
43
44 //hashing for password not used in unity database
45
46 $salt = "\$5\$rounds=1000\$" . "guid" . $english_name . "\$";
47
48
```

# Unity



Fill in the information, phone number is unique. Click submit and it will generate QR code which contains the destination url.

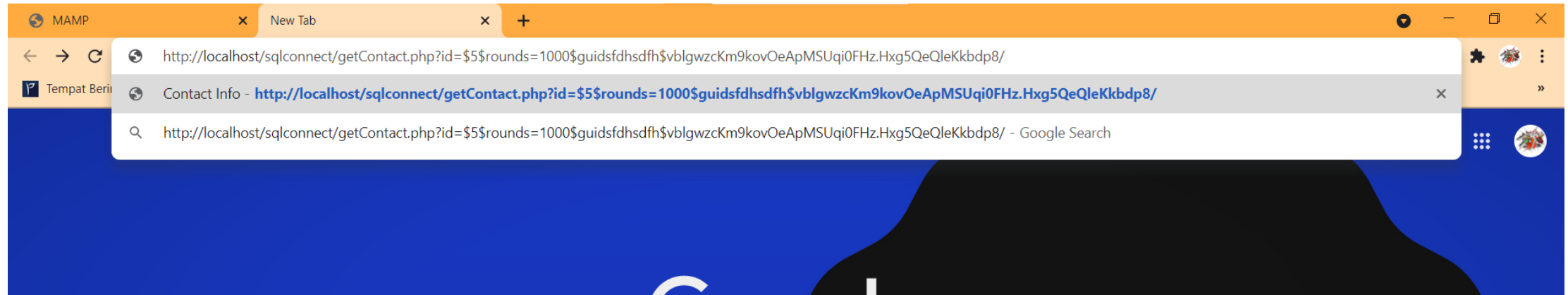
# Destination url



Copy the destination url to your browser

# Copy destination url

Getcontact.php



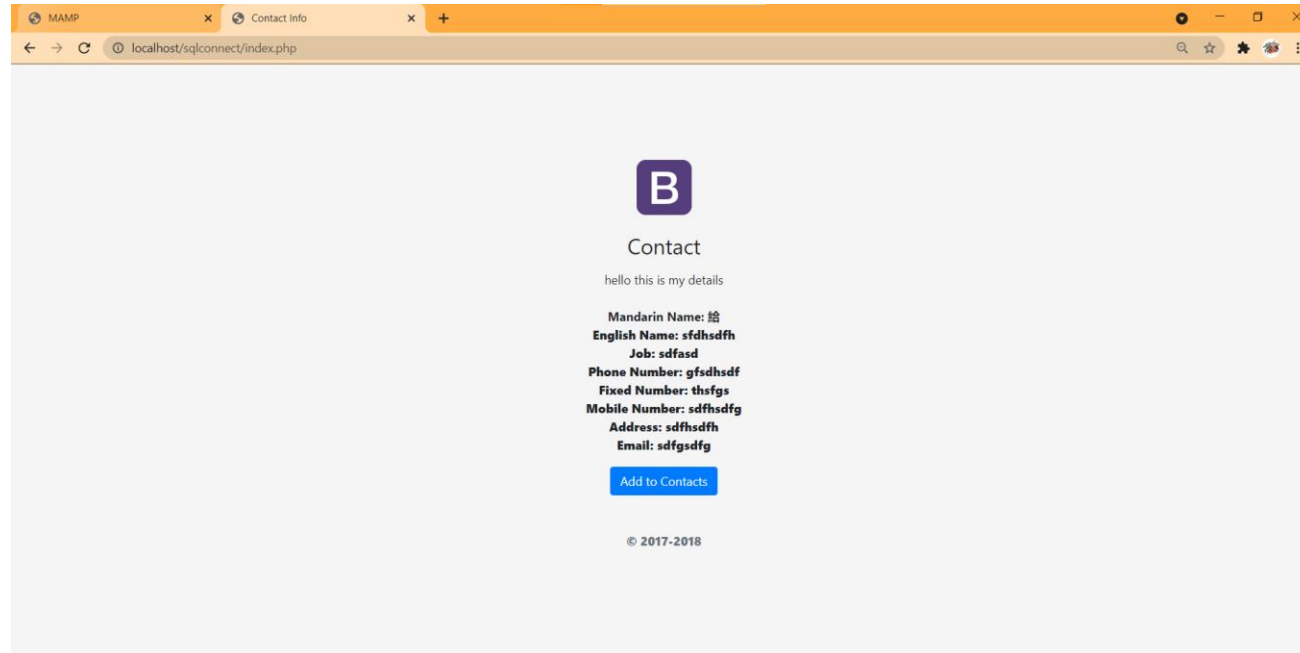
`http://localhost/sqlconnect/getContact.php?id=$5$rounds=1000$guidsfdhsdfh$vblgwzcKm9kovOeApMSUqi0FHz.Hxg5QeQleKkbp8/`

`id=$5$rounds=1000$guidsfdhsdfh$vblgwzcKm9kovOeApMSUqi0FHz.Hxg5QeQleKkbp8/`

This is the user indicator which are created by hash in register.php

Remember: this link is not actually visible because it is embedded inside the QR Code

# Destination URL

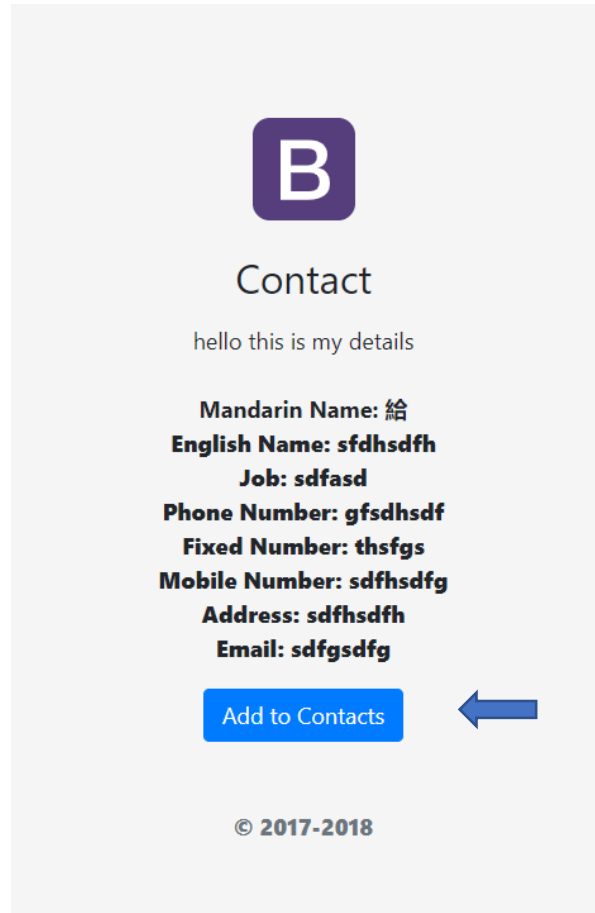


The url changed to index.php to show the user data. No hash url is visible in this state



# Add to Contacts Button

Createcontact.php



When add to contacts in  
clicked it will download .vcf  
file that can be open and  
saved contact in their phone

# Regsiter.php

```
<?php
1
2
3  $con = mysqli_connect('localhost','root','root','unityuser');//localhost e diganti actual url of database nanti
4
5  //check that connection happen
6  if(mysqli_connect_error())
7  {
8      echo "#1 connection failed";//error code number 1 = connection fail
9      exit();
10 }
11
12 //the post variable name must match with unity
13 $mandarin_name = $_POST["mandarinName"];
14 $english_name = $_POST["englishName"];
15 $job = $_POST["job"];
16 $phone_number = $_POST["phoneNumber"];
17 $fixed_number = $_POST["fixedNumber"];
18 $mobile_number = $_POST["mobileNumber"];
19 $address = $_POST["address"];
20 $email = $_POST["email"];
21
22
23
24
25 /*
26 //check if name already exist
27 $nameCheckQuery = "SELECT english_name from users WHERE english_name='".$englishName.'"";
28
29 $nameCheck = mysqli_query($con, $nameCheckQuery) or die("#2: name check query fail");//error code #2 name check error
30
31 if(mysqli_num_rows($nameCheck)>0)
32 {
33     echo "#3: name already exist";//error code 3 name exist cannot register
34     exit();
35 }
36 */
37
38
```

Get info from unity form.AddFiled

```
28
29 $nameCheck = mysqli_query($con, $nameCheckQuery) or die("#2: name check query fail");//error code #2 name check error
30
31 if(mysqli_num_rows($nameCheck)>0)
32 {
33     echo "#3: name already exist";//error code 3 name exist cannot register
34     exit();
35 }
36 */
37
38
39
40
41
42
43 //add user to table
44
45 //hashing for password not used in unity database
46
47 $salt = "\$5\$rounds=1000\$" . "guid" . $english_name . "\$";
48
49 $hash = crypt($english_name,$salt);//hash ini sama kek guid e seng disave di database
50 echo $hash;
51
52
53
54 $insertUserQuery = "INSERT INTO users (mandarin_name,english_name,job,phone_number,fixed_number, mobile_number,address,email,hash) VALUES
55 ('" . $mandarin_name . "',
56  '" . $english_name . "',
57  '" . $job . "',
58  '" . $phone_number . "',
59  '" . $fixed_number . "',
60  '" . $mobile_number . "',
61  '" . $address . "',
62  '" . $email . "',
63  '" . $hash . "')";
64
65 mysqli_query($con, $insertUserQuery) or die("#4: inserting data query failed");//
66
67
68
69
70
71 ?>
```

Generating hash

Return the hash value to unity to create the destination url

Command to insert data to database

# Index.php

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css" integrity="
5 sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm" crossorigin="anonymous">
6 <meta charset="UTF-8" />
7 <meta name="viewport" content="width=device-width, initial-scale=1.0" />
8
9
10 <link href="floating-labels.css" rel="stylesheet">
11 <title>Contact Info</title>
12 </head>
13
14 <?php
15 session_start();
16 $url = "http://localhost/sqlconnect";
17 ?>
18
19 <body>
20 <form class="form-signin">
21
22 <div class="text-center mb-4">
23 
24 <h1 class="h3 mb-3 font-weight-normal">Contact</h1>
25 <p>hello this is my details</p>
26 </div>
27
28 <div class="text-center mb-4">
29
30 <p><strong>Mandarin Name: <strong><?php echo $_SESSION["mandarinName"] ?><br/>
31 <strong>English Name: <strong><?php echo $_SESSION["englishName"] ?><br/>
32 <strong>Job: <strong><?php echo $_SESSION["job"] ?><br/>
33
34 <strong>Phone Number: <strong><?php echo $_SESSION["phoneNumber"] ?><br/>
35 <strong>Fixed Number: <strong><?php echo $_SESSION["fixedNumber"] ?><br/>
36 <strong>Mobile Number: <strong><?php echo $_SESSION["mobileNumber"] ?><br/>
37
38 <strong>Address: <strong><?php echo $_SESSION["address"] ?><br/>
39 <strong>Email: <strong><?php echo $_SESSION["email"] ?><br/>
40 </p>
41
42 <a class="btn btn-primary" href="<?php echo $url?>/createContact.php" role="button">Add to Contacts</a>
43 </div>
44
45
46 <p class="mt-5 mb-3 text-muted text-center">&copy; 2017-2018</p>
47 </form>
```

Main display page for user with HTML and CSS

Each variable gets the data from database

# Getcontact.php

```
1 <?php
2 session_start();
3 $Hashedenglishname = $_GET["id"];
4
5 $con = mysqli_connect('localhost','root','root','unityuser');//localhost e diganti actual url of database nanti
6
7 //check that connection happen
8 if(mysqli_connect_error())
9 {
10     echo "#1 connection failed";//error code number 1 = connection fail
11     exit();
12 }
13
14 $query = "SELECT * from users WHERE hash like '$Hashedenglishname'";
15
16 $result = $con->query($query);
17
18 // var_dump($result);
19 // die();
20 if($result){
21     if(mysqli_num_rows($result)){
22         $url = "http://localhost/";
23         $row = mysqli_fetch_array($result);
24         $_SESSION["mandarinName"] = $row["mandarin_name"];
25         $_SESSION["englishName"] = $row["english_name"];
26         $_SESSION["job"] = $row["job"];
27         $_SESSION["phoneNumber"] = $row["phone_number"];
28         $_SESSION["fixedNumber"] = $row["fixed_number"];
29         $_SESSION["mobileNumber"] = $row["mobile_number"];
30         $_SESSION["address"] = $row["address"];
31         $_SESSION["email"] = $row["email"];
32         header("location: http://localhost/sqlconnect/index.php");
33     }else{
34         dd("done");
35     }
36 }
37
38 $con->close();
39
40 ?>
```

Check the destination url with database and pass the data to index.php to be displayed

# Createcontact.php

```
1 <?php
2 session_start();
3 require 'vendor/autoload.php';
4 use JeroenDesloovere\VCard\VCard;;
5 // define vcard
6 $vcard = new VCard();
7
8 // define variables
9 $lastname = $_SESSION["mandarinName"];
10 $firstname = $_SESSION["englishName"];
11 $additional = '';
12 $prefix = '';
13 $suffix = '';
14
15 // add personal data
16 $vcard->addName($lastname, $firstname, $additional, $prefix, $suffix);
17
18 // add work data
19 $vcard->addJobtitle($_SESSION["job"]);
20 $vcard->addEmail($_SESSION["email"]);
21 $vcard->addPhoneNumber($_SESSION["phoneNumber"], 'Phone Number');
22 $vcard->addPhoneNumber($_SESSION["fixedNumber"], 'Fixed Number');
23 $vcard->addPhoneNumber($_SESSION["mobileNumber"], 'Mobile Number');
24 $vcard->addAddress(null, null, $_SESSION["address"], null, null, null, null);
25
26 // return vcard as a string
27 //return $vcard->getOutput();
28
29 // return vcard as a download
30 return $vcard->download();
31
32 // save vcard on disk
33 // $vcard->setSavePath('./');
34 // $vcard->save();
35 ?>
```

Create downloadable .vcf file when user click the add to contacts button

