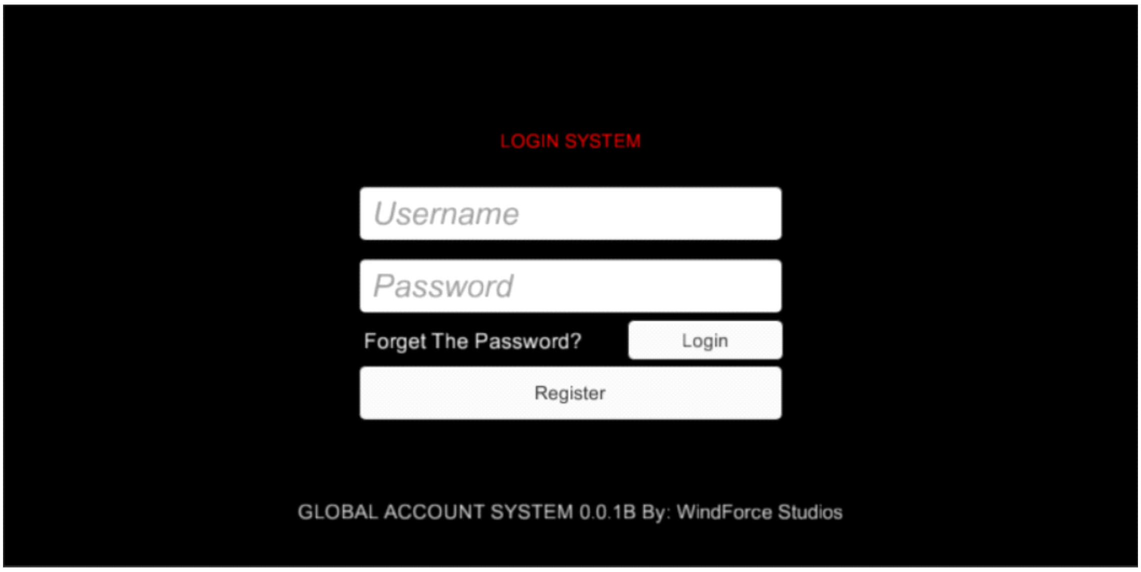
Global Account System



Introduction :

*requires php 5.3 & above

*requires MySQL Server

Global Account System "GAS" is a powerful tool that helps you create a database dependant login and an account manager system. GAS doesn't require programming skill

it is an easy to use, friendly tool, GAS includes commonly used panels and examples such as : Login Panel, Profile Manager, Admin Panel, Register Panel.

some of GAS features :

- Easy to use and custom made Database panel to control account by admins(On the Browser)

- Toggle-able the need to activate the new registered account using the e-mail
- Account Ban function(Mac Address) - Bans all account for the choosen address
- Forget Password Function(send a re-set password to the email)
- User's are able to update their Account(Such as Password, e-mail, first name, ..etc) - Updated at Runtime
- Easy to create custom windows for login, register, ..etc(Drag & Drop)
- Toggle-able to allow multiple account on same device
- Fields required to fill (such as e-mail field in the register panel)
- Age allowed to register(Configuerable)
- Country Selection
- Re-Send E-mail activation (Activating account need to be enabled)
- Edit & Delete Account using the admin panel

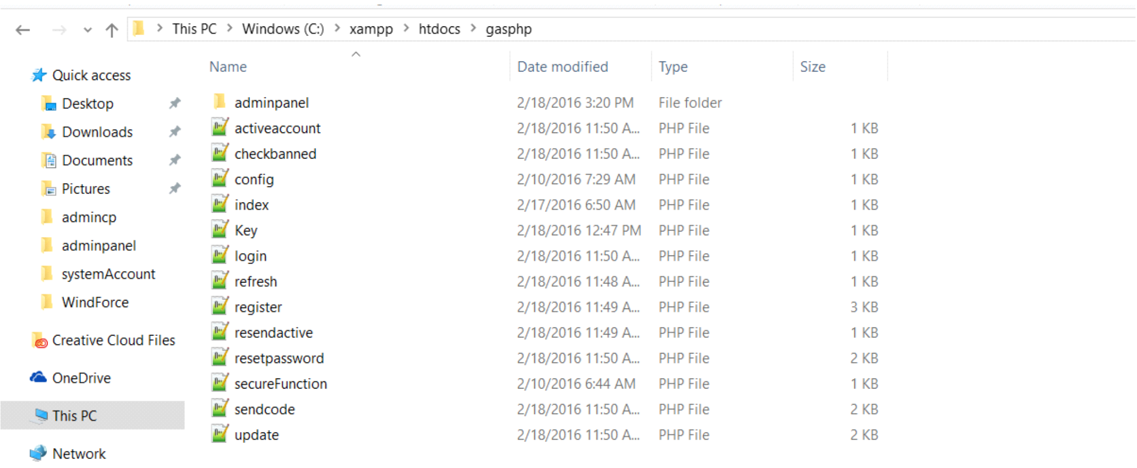
Getting Started :

- **Configuration**

1. Choose your secure key

*A secure key is a API-like(key) used to grant no access for unauthorised users to access data, you can creating by following these steps : -

1.1 - Navigate to your PHP Folder(on the server)



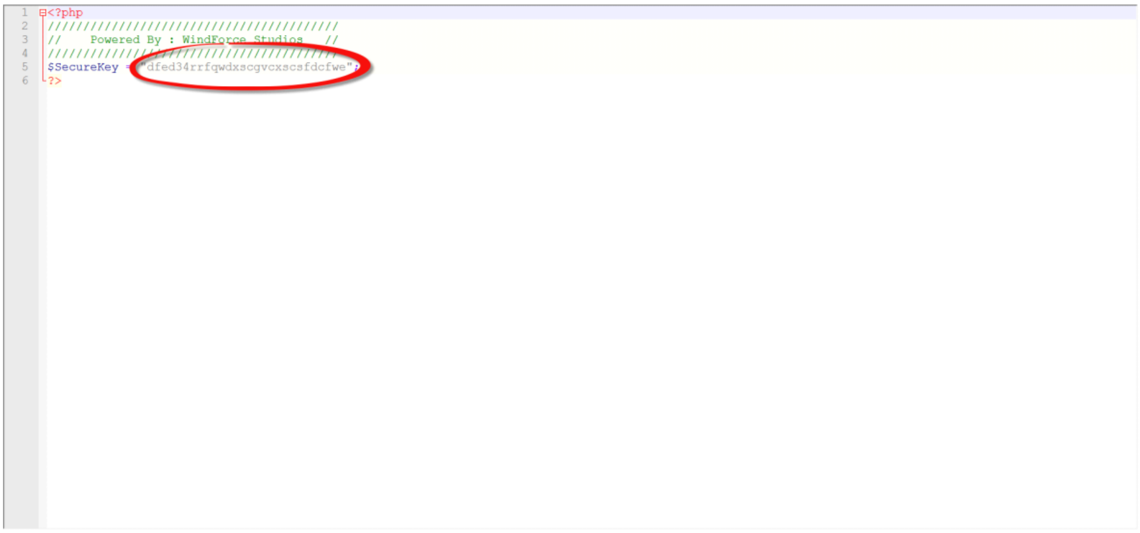
This PC › Windows (C:) › xampp › htdocs › gasphp

Name	Date modified	Type	Size
adminpanel	2/18/2016 3:20 PM	File folder	
activeaccount	2/18/2016 11:50 A...	PHP File	1 KB
checkbanned	2/18/2016 11:50 A...	PHP File	1 KB
config	2/10/2016 7:29 AM	PHP File	1 KB
index	2/17/2016 6:50 AM	PHP File	1 KB
Key	2/18/2016 12:47 PM	PHP File	1 KB
login	2/18/2016 11:50 A...	PHP File	1 KB
refresh	2/18/2016 11:48 A...	PHP File	1 KB
register	2/18/2016 11:49 A...	PHP File	3 KB
resendactive	2/18/2016 11:49 A...	PHP File	1 KB
resetpassword	2/18/2016 11:50 A...	PHP File	2 KB
secureFunction	2/10/2016 6:44 AM	PHP File	1 KB
sendcode	2/18/2016 11:50 A...	PHP File	2 KB
update	2/18/2016 11:50 A...	PHP File	2 KB

1.2 - Open "Key.php"

1.3 - Type your choosen key inside the quotation marks - e.g :

"MySecureKeyX54UsOoP"



```
<?php
/////////////////////////////////////////
//    Powered By : WindForce Studios   //
/////////////////////////////////////////
$SecureKey = "dfed34rrfqwdxscgvcxscsfdcfwe";
?>
```

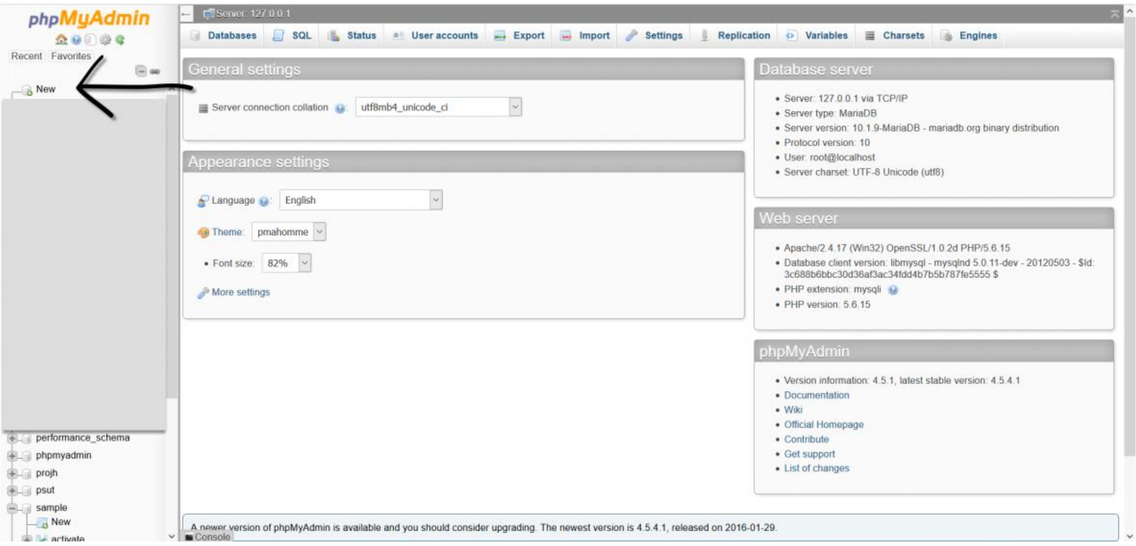
1.4 - Save & Exit

2. Create A Database

*It is advised that you install phpmyadmin to make this step easy, follow these Steps to create a database : -

2.1 - Navigate to phpmyadmin, e.g : http://localhost/phpmyadmin

2.2 - Click on the "New" button on the top left



[redacted]

General settings

Server connection collation: utf8mb4_unicode_ci

Appearance settings

Language: English

Theme: pmahomme

Font size: 82%

More settings

Database server

- Server: 127.0.0.1 via TCP/IP
- Server type: MariaDB
- Server version: 10.1.9-MariaDB - mariadb.org binary distribution
- Protocol version: 10
- User: root@localhost
- Server charset: UTF-8 Unicode (utf8)

Web server

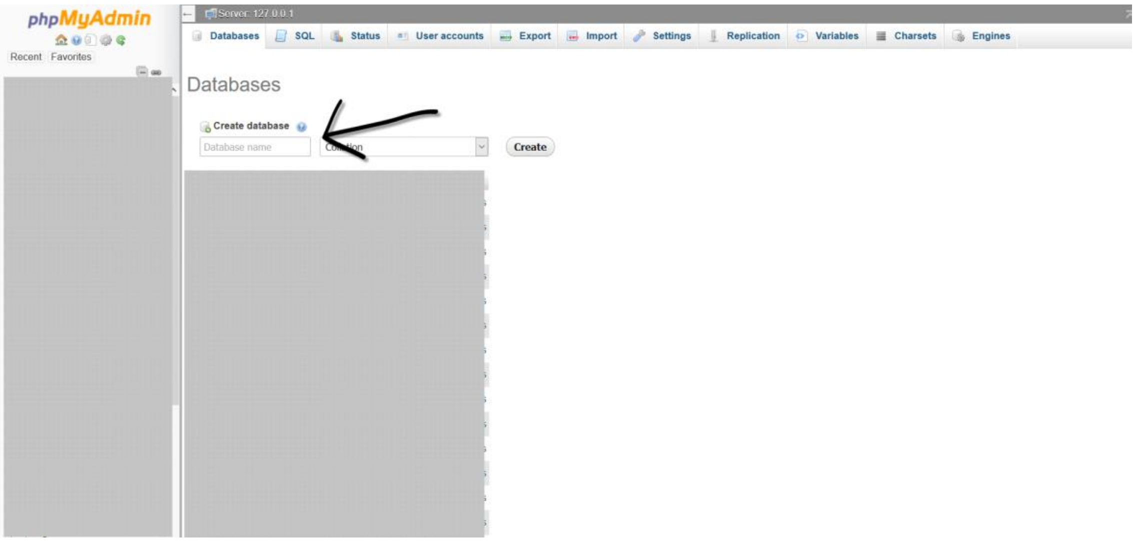
- Apache/2.4.17 (Win32) OpenSSL/1.0.2d PHP/5.6.15
- Database client version: libmysql - mysqlnd 5.0.11-dev - 20120503 - $Id: 3c688b6bbc30d36af3ac34fdd4b7b5b787fe5555 $
- PHP extension: mysqli
- PHP version: 5.6.15

phpMyAdmin

- Version information: 4.5.1, latest stable version: 4.5.4.1
- Documentation
- Wiki
- Official Homepage
- Contribute
- Get support
- List of changes

A newer version of phpMyAdmin is available and you should consider upgrading. The newest version is 4.5.4.1, released on 2016-01-29.

2.3 - Enter the Database of your choice, e.g : MyGameAccounts



[redacted]

Databases

Create database

Database name

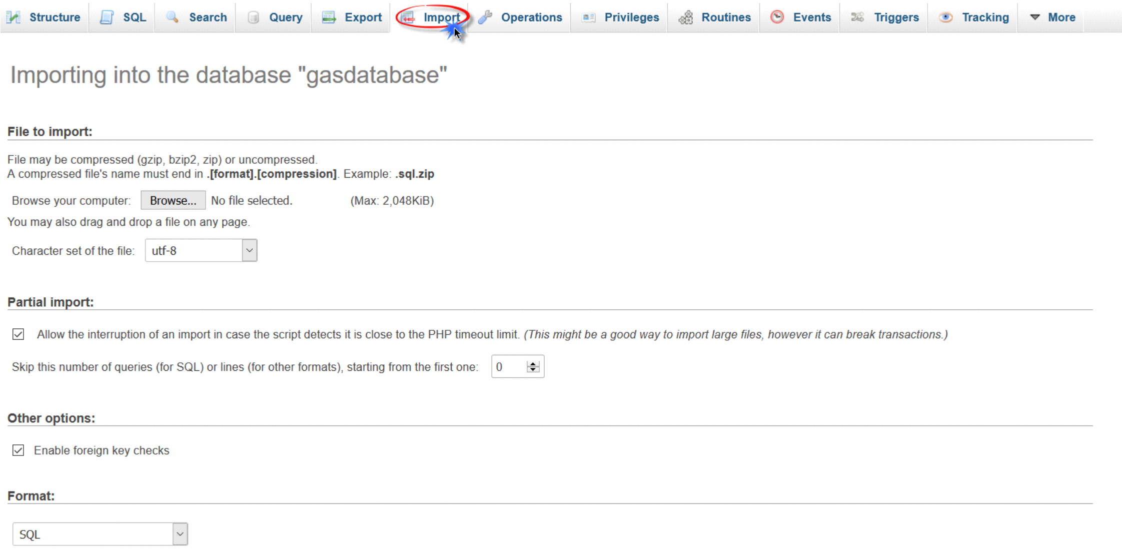
Collation

[redacted]

2.4 - Click on the "Create" Button

2.5 - Now make sure you select the database from the menu on the left of the screen

2.6 - Click on the "Import" Button on the top of screen



Importing into the database "gasdatabase"

File to import:

File may be compressed (gzip, bzip2, zip) or uncompressed.
A compressed file's name must end in **.[format].[compression]**. Example: **.sql.zip**

Browse your computer: Browse... No file selected. (Max: 2,048KiB)

You may also drag and drop a file on any page.

Character set of the file: utf-8

Partial import:

☑ Allow the interruption of an import in case the script detects it is close to the PHP timeout limit. *(This might be a good way to import large files, however it can break transactions.)*

Skip this number of queries (for SQL) or lines (for other formats), starting from the first one: 0

Other options:

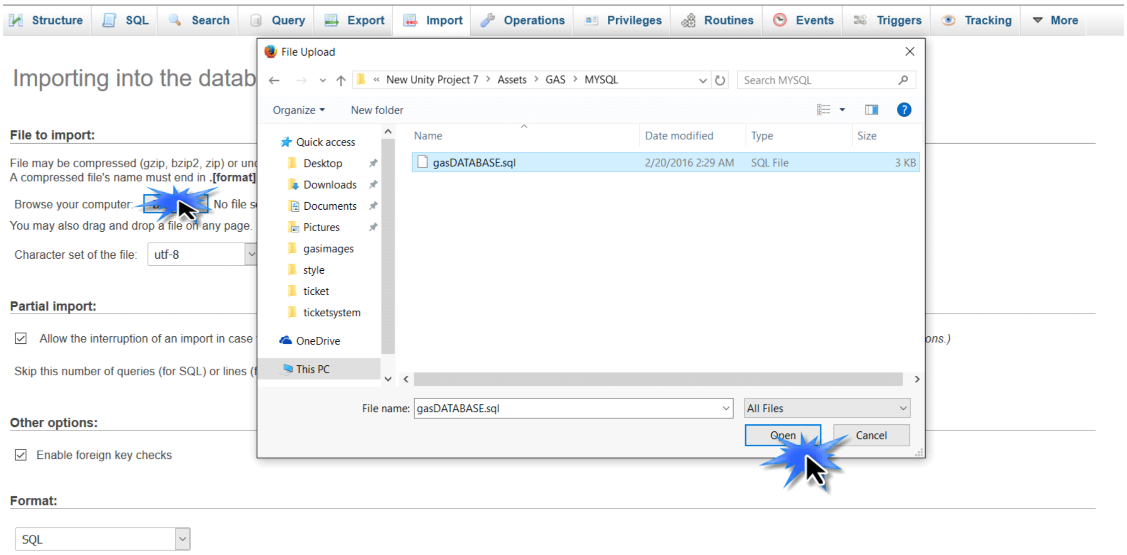
☑ Enable foreign key checks

Format:

SQL

2.7 - Click on Browse and select the database file from

“Assets”->”GAS”->”MYSQL” ->”gasDATABASE.sql”



Importing into the datab

File to import:

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A compressed file's name must end in **.[format]**

Browse your computer: No file s

You may also drag and drop a file on any page.

Character set of the file: utf-8

Partial import:

☑ Allow the interruption of an import in case ... ons.)

Skip this number of queries (for SQL) or lines (f

Other options:

☑ Enable foreign key checks

Format:

SQL

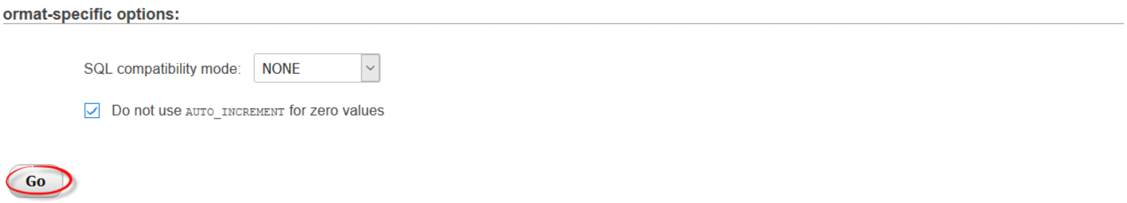
Name	Date modified	Type	Size
gasDATABASE.sql	2/20/2016 2:29 AM	SQL File	3 KB

File name: gasDATABASE.sql

All Files

2.8 - click open and scroll down

2.9 - Click on the "Go" Button



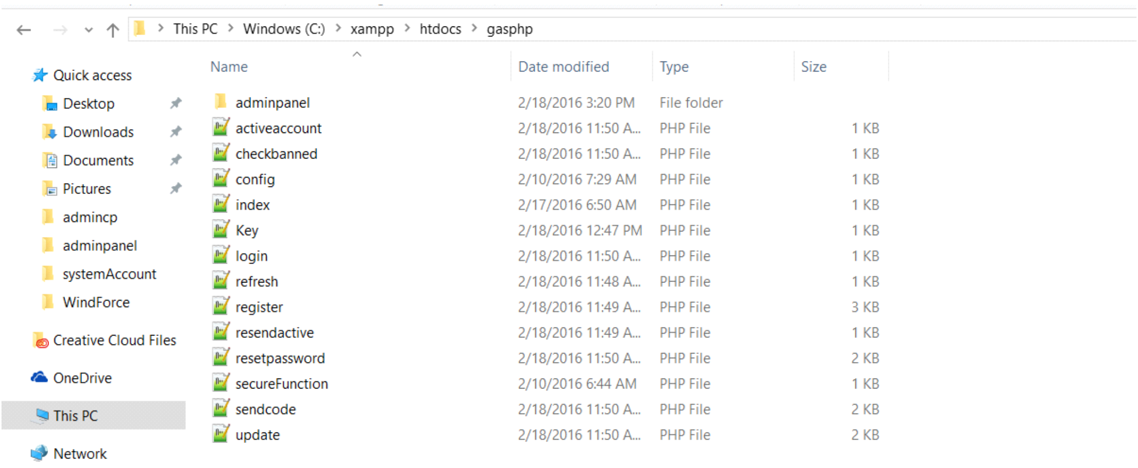
ormat-specific options:

SQL compatibility mode: NONE

☑ Do not use AUTO_INCREMENT for zero values

3. Connect Database

3.1 - Navigate to the PHP Folder(on your server)



This PC › Windows (C:) › xampp › htdocs › gasphp

Name	Date modified	Type	Size
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Key	2/18/2016 12:47 PM	PHP File	1 KB
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resendactive	2/18/2016 11:49 A...	PHP File	1 KB
resetpassword	2/18/2016 11:50 A...	PHP File	2 KB
secureFunction	2/10/2016 6:44 AM	PHP File	1 KB
sendcode	2/18/2016 11:50 A...	PHP File	2 KB
update	2/18/2016 11:50 A...	PHP File	2 KB

3.2 - Open "Config.php" in any text editor program, such as notepad++

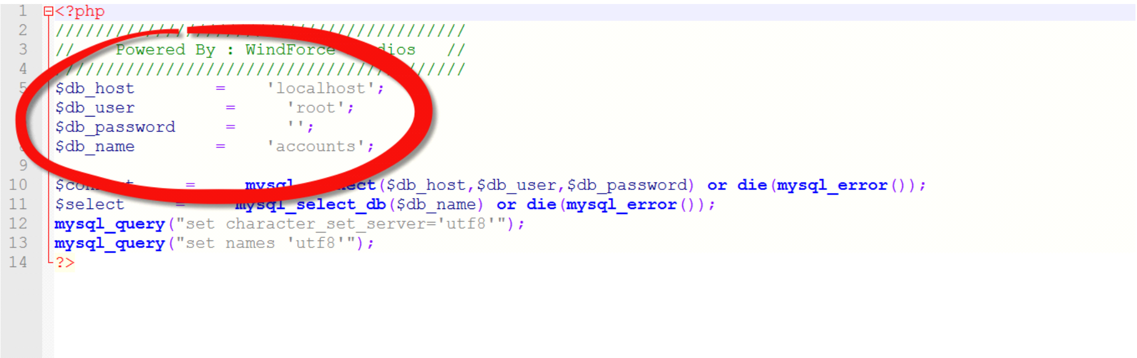
3.3 - now edit the fields with your database information, e.g :

$db_host = 'localhost'; // *the server's IP or you can leave it 'localhost'

$db_user = 'root'; // *MySql user, the dafault is 'root'

$db_password = 'root123'; // *MySql Password

$db_name = 'MyGameAccounts'; //* Database name, e.g : MyGameAccounts



```php
<?php
//////////////////////////////////////////
//      Powered By : WindForce Studios    //
//////////////////////////////////////////
$db_host          =     'localhost';
$db_user           =     'root';
$db_password       =     '';
$db_name          =     'accounts';

$connect       =      mysql_connect($db_host,$db_user,$db_password) or die(mysql_error());
$select        =     mysql_select_db($db_name) or die(mysql_error());
mysql_query("set character_set_server='utf8'");
mysql_query("set names 'utf8'");
?>
```

3.4 - Save & Exit

4.Unity Editor Configuration

* Make sure that the scenes have been setup and added in the build setings, to test the examples follow these steps to add them to the build settings :

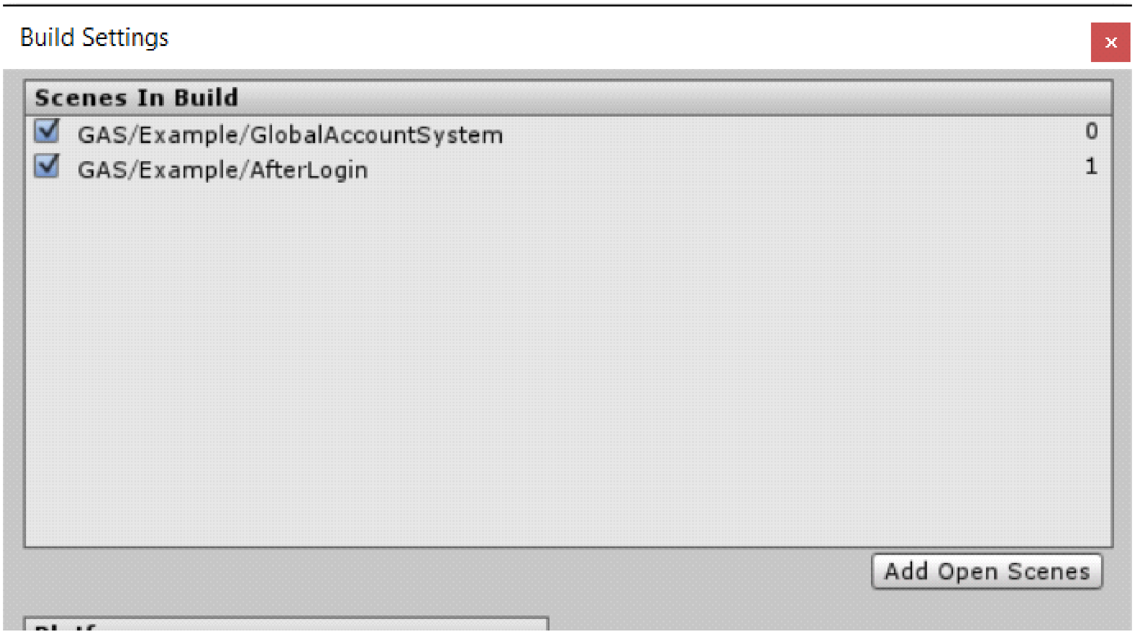
4.0.1 - Navigate in the Project Folder to Assests -> GAS -> Example

4.0.2 - Open the scene "GlobalAccountSystem"

4.0.3 - File -> Build Settings -> Add Open Scene

4.0.4 - Open the scene "AfterLogin"

4.0.5 - File -> Build Settings -> Add Open Scene



Build Settings

Scenes In Build

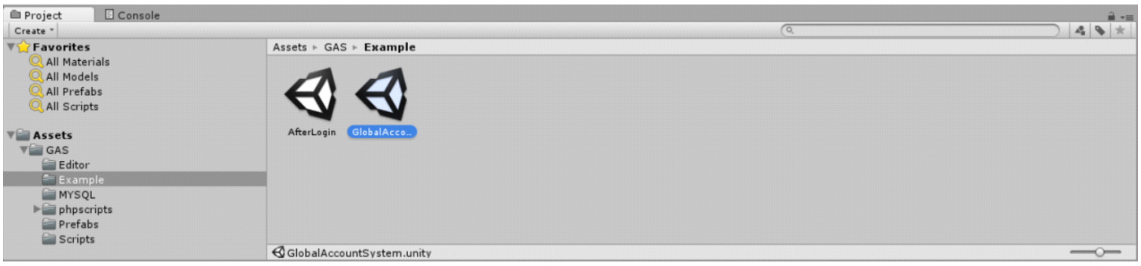
☑ GAS/Example/GlobalAccountSystem 0

☑ GAS/Example/AfterLogin 1

* This is section is all about setting up "GAS" inside the unity editor, follow these steps to configure it :

4.1 - Navigate in the Project Folder to Assests -> GAS -> Example

4.2 - Open the scene "GlobalAccountSystem"



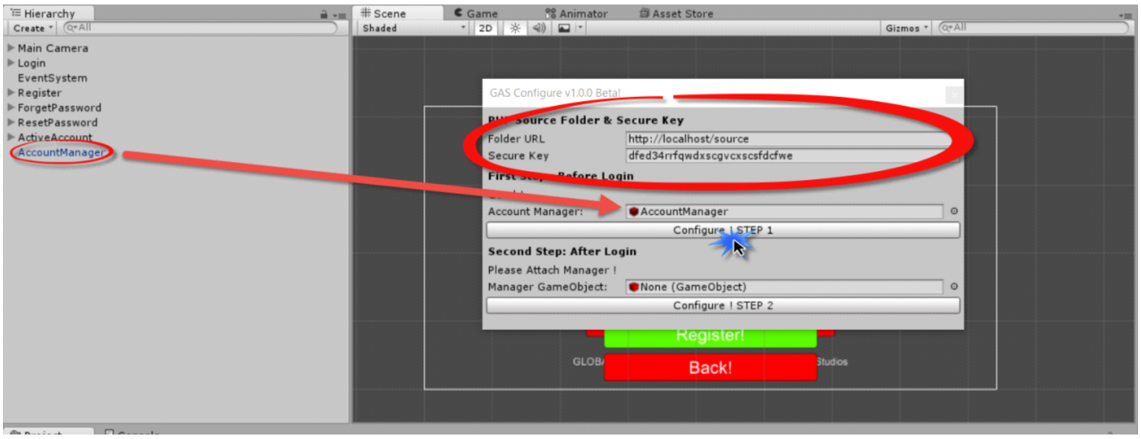
4.3 - In the main bar(on the top) click on "Window" -> "Global Account System" -> and select configure

4.5 - Fill in the fields accordingly :

Folder URL : http://localhost/gas_phpfolder //*this is the url where the PHP folder is located (on the server)

Secure Key : MySecureKeyX54UsOoP //*Fill in the secure key which you created in the previous steps

Account Manager : ... //* Drag the account manager gameobject



GAS Configure v1.0.0 Beta!

PHP Source Folder & Secure Key

Folder URL: http://localhost/source

Secure Key: dfed34rrfqwdxscgvcxscsfdcfwe

First Step: Before Login

Account Manager: AccountManager

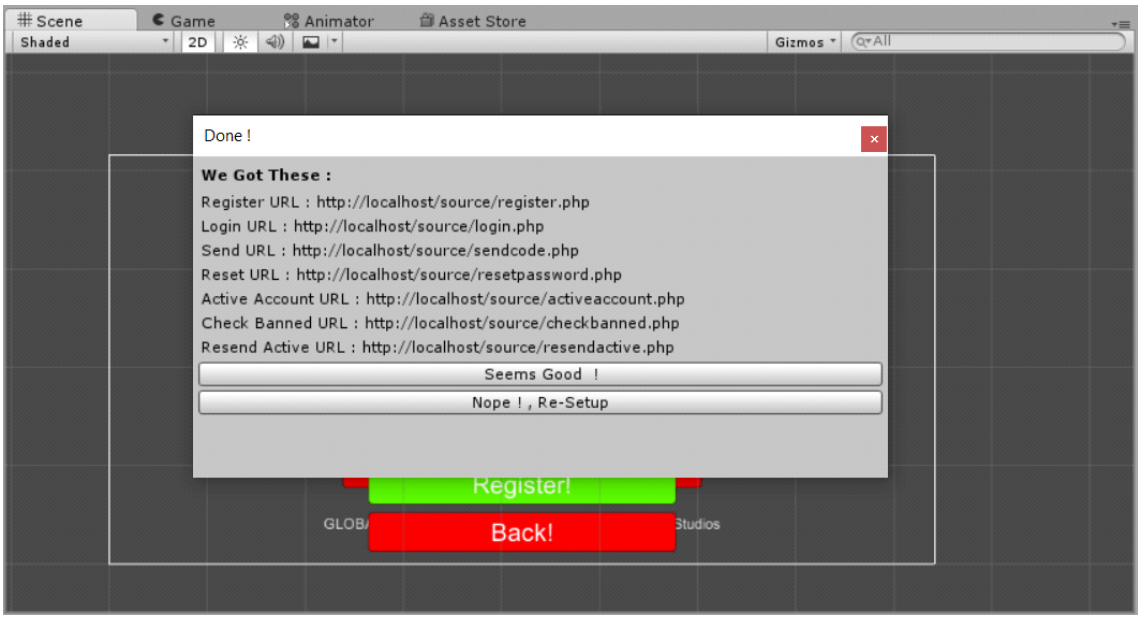
Second Step: After Login

Please Attach Manager !

Manager GameObject: None (GameObject)

4.6 - Click on the "Configure Step 1" Button

4.7 - Click on the Button "Seems Good !" if everything looks correct, if not and you want to edit click on the button "Nope ! , Re-Setup"



We Got These :

Register URL : http://localhost/source/register.php

Login URL : http://localhost/source/login.php

Send URL : http://localhost/source/sendcode.php

Reset URL : http://localhost/source/resetpassword.php

Active Account URL : http://localhost/source/activeaccount.php

Check Banned URL : http://localhost/source/checkbanned.php

Resend Active URL : http://localhost/source/resendactive.php

4.8 - Now in the project tab, open the scene "AfterLogin"

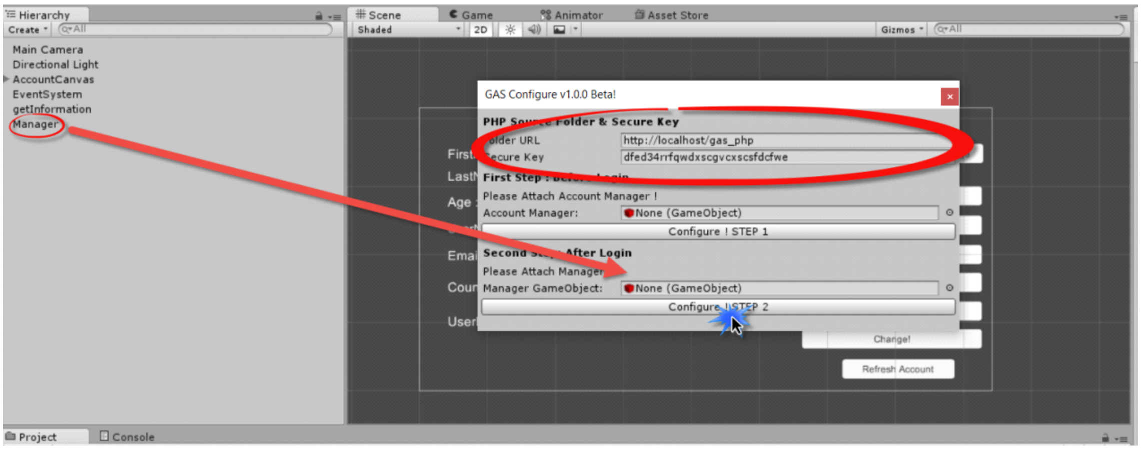
4.9 - In the main bar(on the top) click on Global Account System and select configure

4.10 - Fill in the fields accordingly :

Folder URL : http://localhost/gas_phpfolder //*this is the url where the PHP folder is located (on the server)

Secure Key : MySecureKeyX54UsOoP //*Fill in the secure key which you created in the previous steps

Manager GameObject : ... //* Drag the Manager gameobject



GAS Configure v1.0.0 Beta!

PHP Source Folder & Secure Key

Folder URL: http://localhost/gas_php

Secure Key: dfed34rrfqwdxscgvcxscsfdcfwe

First Step : Before Login

Please Attach Account Manager !

Account Manager: None (GameObject)

Configure ! STEP 1

Second Step : After Login

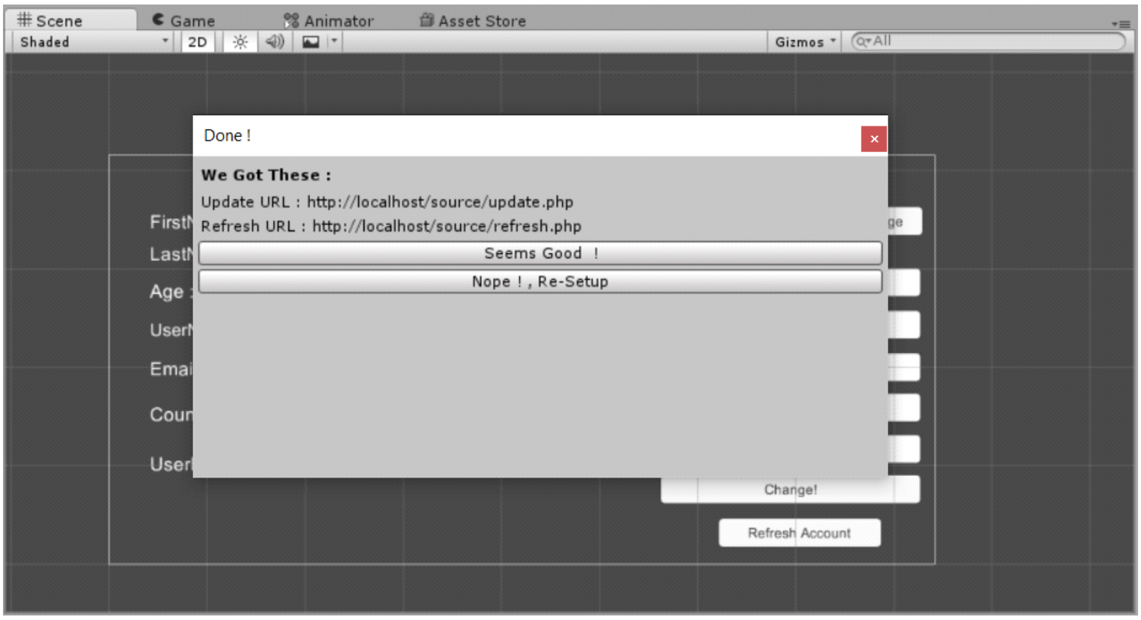
Please Attach Manager

Manager GameObject: None (GameObject)

Configure ! STEP 2

4.11 - Click on the "Configure Step 2" Button

4.12 - Click on the Button "Seems Good !" if everything looks correct, if not and you want to edit click on the button "Nope ! , Re-Setup



Done !

We Got These :

Update URL : http://localhost/source/update.php

Refresh URL : http://localhost/source/refresh.php

Seems Good !

Nope ! , Re-Setup

Testing The System :

***mail server should've been configured for sending codes and activating account(if this function is enabled) and also for the forget password function**

after launching the scene/game, you would be presented to the login window, now enter your username in the first field, and your password

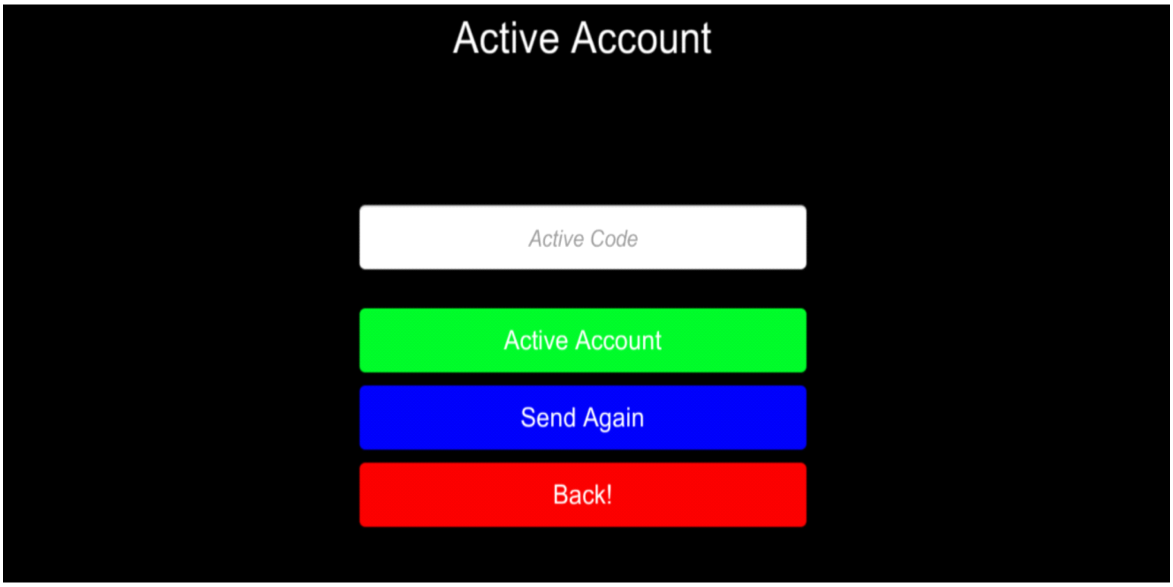
in the lower field, if you did not activate the need for activating the new registered account, you will login normally after pressing the login button

(if the username and password you entered are correct), now if you have that function activated(the need for activating the new registered account)

a new field will appear after pressing the login button(ifthe username and password you entered are correct), in this field you should enter

the code you received in the newly registered account(in the email), enter it and press "Active Account", if the code is correct you will have correctly activated

the account and no longer need to activate it again and will login normally.



Web Server Side - Scripts

1. login.php

* this function is for checking user exist in records (Database)

* to call this function you must send three GET Values (username,password,secureid)

*Returns :

A - “1” And user informations ex.(firstname , email ...) , 1 Means username and password is correct.

OR

B - “2” correct username and password but this account is not activated

OR

C- “Wrong username or passowrd”

OR

D- “Please Fill All fields”

2.Register.php

*this function creates new accounts .

* to call this function you will need to send four required GET and four optional GET

REQUIRED (username,email,password,secure)

OPTIONAL (firstname,lastname,age,country)

*Returns :

A. “1” : when account is successfully created

B. “There is a problem in the database, please try again later” : Unkown Error

C. “Please Fill All required Fields”

D. “Can't Access!” : return when secureID not valid

3.Update.php

*this script is used to update user account

*this script have two functions

*First function is for updating the password :

To call this function you must send four required fields

GET Values (changePassword,newpassword,id,secure)

*id : user id you can get user id from PlayerPrefs

*changePassword : send 1 to choose change password function

```
“PlayerPrefs.GetInt ("userID")”
```

RETURNS:

A. “1” : Successfully updated password

B. “Please Fill All Fields”

*Second function is used to update user information :

To call this function you must send eight
Required GET
VALUES(secure,changeInformation,id,firstname,lastname,age,country,email)
*changeInformation : to choose update user information
*RETURNS :
A. “1” : Successfully updated
B. “Please Fill all Fields”
C. “Invalid SecureKey” : when securekey is not valid

4.Activeaccount.php
`*this script is used to activate user account`

*to call this function you must send
Two REQUIERD GET VALUES(secure,code)

*RETURNS :
A) “1” : Account Activated

OR

B) “Wrong Code Activate” : code is not valid

OR

C) “Please Fill All Field!”

5.Refresh.php

*this script is called to update user information in runtime

*to call this function you must send
Two REQUIERD GET VALUES(secure,id)

*RETURNS :
A. “1” and “user information ex id , firstname , lastname , email ...”
B. “Please Check Account id” : return if id user is not valid
C. “SecureKey Invalid” : where secure id is not valid

6. sendcode.php

*this script is called when user forgets the password.

*this function will send a reset code to the user's email.

*REQIUERD SERVER MAIL : to send code to emails.

*you can edit title and email subject from this script

*to call this function you must send two REQUIERD GET VALUES(secure,email)

You can get user email after user logins

From PlayerPrefs : “PlayerPrefs.GetString ("email") “

*RETURNS :

A. “1” : Successfully sent the to code to the email

B. “Error in Mail Server! Try Again Later” : this error is displayed when you haven't setup a mail server in your server

7.Resetpassword.php

*this function is called when user puts the forget password code and sets a new password.

*to call this script you must send three REQUIERD GET VALUES(secure,code,password)

*RETURNS:

A. ”1” : Successfully updated the password

B. “Invalid Code!” : incorrect code

C. "Please Fill All Fields"