Database and Site configuration

1. Database

Database configuration file is in *dbconf.php* , please DO NOT change the configuration unless you have to reset the database.

We provide a python script *create_tables.py* to help you create table if you have to reset your database.

Table: **game**

This table saves game name and game directory, make sure to align your game name when adding new games and calling APIs(saveScore, getScore).

#	Name	Type	Collation	Attributes	Null	Default
1	**name**	char(255)	latin1_swedish_ci		No	*None*
2	**dir**	char(255)	latin1_swedish_ci		No	*None*
3	**gid**	int(11)			No	*None*

Current **game** table example is as follows:

	name	dir	gid
Edit Copy Delete	CornerChess	games/CornerChess/	4
Edit Copy Delete	MultiplayerSnake	games/multiplayer-snake/	2
Edit Copy Delete	Rubberband	games/Rubberband/	3
Edit Copy Delete	SAP	games/SAP-Ecco/	17
Edit Copy Delete	No Escape	games/noescape/	19
Edit Copy Delete	Safe Roving	games/roving/	8
Edit Copy Delete	superply	games/superply	9
Edit Copy Delete	Gravity	games/gravity_game/	18
Edit Copy Delete	Geo Wars	games/geowars/	16
Edit Copy Delete	Dancing	games/Dancing/	12
Edit Copy Delete	Evasion	games/Evasion/	13
Edit Copy Delete	DigThat	games/DigThat/	15

Table: *loginAttempts*

	#	Name	Type	Collation	Attributes	Null	Default
☐	1	**IP**	varchar(20)	utf8_general_ci		No	*None*
☐	2	**Attempts**	int(11)			No	*None*
☐	3	**LastLogin**	datetime			No	*None*
☐	4	**Username**	varchar(65)	utf8_general_ci		Yes	*NULL*
☐	5	**ID**	int(11)			No	*None*

Table: *members*

This table manages registered users.
For guest, set its id to 1

	#	Name	Type	Collation	Attributes	Null	Default
☐	1	**id**	char(23)	utf8_general_ci		No	*None*
☐	2	**username**	varchar(65)	utf8_general_ci		No	
☐	3	**password**	varchar(65)	utf8_general_ci		No	
☐	4	**email**	varchar(65)	utf8_general_ci		No	*None*
☐	5	**verified**	tinyint(1)			No	0
☐	6	**mod_timestamp**	timestamp		on update CURRENT_TIMESTAMP	No	CURRENT_TIMESTAMP

Table: *saves*

This table is for *dbman/saveData.php*

	#	Name	Type	Collation	Attributes	Null	Default
☐	1	**sid**	int(11)			No	*None*
☐	2	**uid**	char(23)	latin1_swedish_ci		No	*None*
☐	3	**gid**	int(11)			No	*None*
☐	4	**save**	varchar(255)	latin1_swedish_ci		Yes	*NULL*
☐	5	**lastgame**	datetime			Yes	*NULL*

Table: *scores*

This table is served for **saveScore** and **getScore** APIs.
uid is associated with **members**, *gid* is associated with **game**

	#	Name	Type	Collation	Attributes	Null	Default
☐	1	**sid**	int(11)			No	*None*
☐	2	**uid**	char(23)	latin1_swedish_ci		No	*None*
☐	3	**gid**	int(11)			No	*None*
☐	4	**role**	varchar(255)	latin1_swedish_ci		No	*None*
☐	5	**timestamp**	varchar(255)	latin1_swedish_ci		No	*None*
☐	6	**score**	varchar(255)	latin1_swedish_ci		No	*None*

Current **scores** table example is as follows:

		sid	uid	gid	role	timestamp	score
☐	Edit Copy Delete	1	1	5	player 1	Tue Dec 6 17:21:36 EST 2016	WIN
☐	Edit Copy Delete	32	1	9	Player2	Tue Dec 20 15:14:32 EST 2016	Win
☐	Edit Copy Delete	3	1	0	White	Tue Dec 6 17:55:35 EST 2016	66.66666666666667
☐	Edit Copy Delete	4	1	11	aaa	Tue Dec 6 18:24:43 EST 2016	10000
☐	Edit Copy Delete	6	1	11	AllenTwo	Tue Dec 6 18:28:21 EST 2016	10000
☐	Edit Copy Delete	7	1	3	test	Tue Dec 6 19:11:24 EST 2016	TIE
☐	Edit Copy Delete	8	1	0	Black	Tue Dec 6 19:14:26 EST 2016	16.666666666666668
☐	Edit Copy Delete	9	1	15	Allen	Tue Dec 6 19:26:12 EST 2016	10000
☐	Edit Copy Delete	11	1	7	Whitney	Tue Dec 6 19:56:16 EST 2016	72.25
☐	Edit Copy Delete	12	1	7	Whitney	Tue Dec 6 19:57:16 EST 2016	66.5
☐	Edit Copy Delete	13	1	7	player1	Tue Dec 6 20:05:16 EST 2016	54

2. Site Configuration

The main site configuration file is in *dbman/config.php*