

Technical Documentation

UML Tools

- StarUML

Programming languages

- PHP
- AJAX
- JavaScript
- HTML/CSS

Reused Code (links)

- Bootstrap
 - o <http://getbootstrap.com/>
- Google sign in
 - o <https://developers.google.com/identity/>
- Google Calander
 - o <https://developers.google.com/google-apps/calendar/>
- JQuery
 - o <https://jquery.com>
- File Storage and SQL database
 - o <https://bytes.com/topic/php/insights/740327-uploading-files-into-mysql-database-using-php>

Software tools & environment

- Linux Ubuntu (server)
- Apache (server)
- Mysql (server)
- Php7 (server)
- Brackets (development)
- Visual studio code (development)
- Notepad++ (development)
- Windows and mac Os (development)
- MAMP (development)
- Wamp (development)
- PHPmyadmin (development)

DBMS – Screen Shots of tables

- MYSQL

```
mysql>
mysql>
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mysql>
mysql>
mysql>
mysql>
mysql>
mysql>
mysql> show tables;
+-----+
| Tables_in_groupshare2 |
+-----+
| Add_Users_Pending      |
| Chat_Messages          |
| Group_Users             |
| Groups                 |
| Users                  |
| gfile                   |
| pfile                   |
+-----+
7 rows in set (0.00 sec)

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mysql>
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mysql>
mysql> describe Add_Users_Pending;
+-----+-----+-----+-----+-----+-----+
| Field          | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| group_id       | int(11)       | NO   | MUL | NULL    |       |
| user_id        | int(11)       | NO   | MUL | NULL    |       |
| user_approval  | tinyint(1)    | NO   |     | NULL    |       |
| admin_approval | tinyint(1)    | NO   |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

```
mysql> select * from Add_Users_Pending;
+-----+-----+-----+-----+
| group_id | user_id | user_approval | admin_approval |
+-----+-----+-----+-----+
| 72       | 29     | 0             | 1             |
| 204      | 29     | 0             | 1             |
| 204      | 17     | 0             | 1             |
| 208      | 29     | 0             | 1             |
| 209      | 29     | 0             | 1             |
| 236      | 29     | 0             | 1             |
+-----+-----+-----+-----+
6 rows in set (0.00 sec)
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mysql>
mysql>
mysql> describe Chat_Messages;
```

Field	Type	Null	Key	Default	Extra
message_id	int(11)	NO	PRI	NULL	auto_increment
group_id	int(11)	NO	MUL	NULL	
user_id	int(11)	YES	MUL	NULL	
date_created	datetime	NO		NULL	
message_contents	varchar(5000)	YES		NULL	

5 rows in set (0.00 sec)

```
mysql> select * from Chat_Messages;
Empty set (0.00 sec)
```

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mysql>
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mysql>
mysql>
mysql> describe Group_Users;
```

Field	Type	Null	Key	Default	Extra
group_id	int(11)	NO	MUL	NULL	
user_id	int(11)	NO	MUL	NULL	
admin_leader	tinyint(1)	NO		NULL	

3 rows in set (0.00 sec)

```
mysql> select * from Group_Users;
```

group_id	user_id	admin_leader
200	5	1
200	1	0
200	17	0
238	218	1

4 rows in set (0.00 sec)

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mysql>
mysql> describe Groups;
```

Field	Type	Null	Key	Default	Extra
group_id	int(11)	NO	PRI	NULL	auto_increment
group_name	varchar(100)	NO		NULL	
group_description	varchar(5000)	YES		NULL	

3 rows in set (0.00 sec)

```
mysql> select * from Groups;
```

group_id	group_name	group_description
200	TheTestGroup	WeTestStuff
238	myGroup	some more stuff telling me about the group

2 rows in set (0.00 sec)

```
mysql>
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mysql>
```


mysql> describe Users;

Field	Type	Null	Key	Default	Extra
user_id	int(11)	NO	PRI	NULL	auto_increment
google_id	varchar(21)	YES	UNI	NULL	
email	varchar(254)	NO	UNI	NULL	
image_url	varchar(2083)	YES		NULL	
password	varchar(20)	YES		NULL	
first_name	varchar(40)	NO		NULL	
last_name	varchar(40)	YES		NULL	
birth_date	date	YES		NULL	
phone_number	varchar(255)	YES		NULL	
last_login	datetime	YES		NULL	

10 rows in set (0.00 sec)

mysql> select * from Users;

user_id	google_id	email	password	first_name	last_name	birth_date	phone_number	last_login
1	114702076160051893348	d.classen95@gmail.com	NULL	D	undefined	1999-01-01	0	2017-03-25 22:17:46
6JSdak8yEgmQ/s96-c/photo.jpg	3	118044570830453511705	tasha.test.cs372@gmail.com	Tasha	Test	1999-01-01	306-555-5555	2017-03-25 22:19:05
x5Hp9HEL2Qcw/s96-c/photo.jpg	5	105968347022322619855	ryank1030@gmail.com	Ryan	Kopp	1999-01-01	306-519-6022	2017-03-25 22:19:55
7T20kVqESM_A/s96-c/photo.jpg	15	101468077940701142886	tasha.mcdivitt@gmail.com	Tasha	Mcdivitt	1999-01-01	0	2017-03-26 09:21:33
kq3dneUDVcWg/s96-c/photo.jpg	17	101700740337981816159	tessierbrandon@gmail.com	Brandon	Tessier	1999-01-01	0	2017-03-26 09:23:06
PaRGFHoJi1WQ/s96-c/photo.jpg	29	101154191856782421679	tasha.test.test@gmail.com	Tasha	Mcdivitt	1999-01-01	306-775-0015	2017-03-26 09:38:19
N5TD97oVtRaA/s96-c/photo.jpg	96	113948349945179555000	st.georgesrose@yahoo.ca	Kathryn	Dickerson	1999-01-01	0	2017-03-26 13:49:08
EvyF10DbCtTQ/s96-c/photo.jpg	218	111908433572802809472	burthasmith34@gmail.com	Burtha	Smith	1999-01-01	0	2017-03-27 14:35:10
6XElkRKwRADg/s96-c/photo.jpg	222	114290665845597451582	nintendofan10039@yahoo.com	Mykola	Kyba	1999-01-01	306-522-1654	2017-03-27 14:43:09

9 rows in set (0.00 sec)

```
mysql>
mysql>
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mysql>
mysql>
mysql>
mysql> describe gfile;
```

Field	Type	Null	Key	Default	Extra
group_id	int(11)	NO	MUL	NULL	
gfid	int(10) unsigned	NO	PRI	NULL	auto_increment
name	varchar(255)	NO		Untitled.txt	
mime	varchar(50)	NO		text/plain	
size	bigint(20) unsigned	NO		0	
data	mediumblob	NO		NULL	
created	datetime	NO		NULL	

7 rows in set (0.00 sec)

```
mysql> select group_id, gfid, name, mime, size, created from gfile;
```

group_id	gfid	name	mime	size	created
78	6	2016-11-29 (1).png	image/png	826855	2017-03-26 16:14:32
200	9	2016-11-29 (1).png	image/png	826855	2017-03-26 18:02:19
78	10	2016-11-29 (1).png	image/png	826855	2017-03-26 19:08:06

3 rows in set (0.00 sec)

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mysql>
mysql> describe pfile;
```

Field	Type	Null	Key	Default	Extra
user_id	int(11)	NO	MUL	NULL	
pfid	int(10) unsigned	NO	PRI	NULL	auto_increment
name	varchar(255)	NO		Untitled.txt	
mime	varchar(50)	NO		text/plain	
size	bigint(20) unsigned	NO		0	
data	mediumblob	NO		NULL	
created	datetime	NO		NULL	

7 rows in set (0.00 sec)

```
mysql> select user_id, pfid, name, mime, size, created from pfile;
```

user_id	pfid	name	mime	size	created
1	12	2016-11-29 (3).png	image/png	836554	2017-03-26 12:15:35
1	13	2016-11-29 (4).png	image/png	1748934	2017-03-26 12:15:44
96	14	pic.jpg	image/jpeg	18136	2017-03-26 13:49:30
15	16	Photo on 2016-08-18 at 5.33 PM.jpg	image/jpeg	185034	2017-03-26 17:59:15
15	17	lab.txt	text/plain	193	2017-03-26 18:11:22

5 rows in set (0.00 sec)

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mysql>
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