

**Date of last commit to repository: 12/11/19**

**Number of Team members: 2**

**Names and netIDs of Team members (one per line): Sm Shihubullah Dipto (ssd410), Swapnil Kha (sk7012)**

Github link: <https://github.com/dipto718/databases-project/tree/master/FinalProject>

## Summary

### Extra features - Dipto

### Search by poster

### Queries

- 'SELECT photoID, photoPoster, postingdate FROM Photo WHERE photoPoster IN (SELECT username\_followed FROM Follow WHERE username\_follower = %s AND followstatus = true) AND allFollowers = true AND photoPoster = %s OR photoPoster IN (SELECT owner\_username FROM BelongTo WHERE member\_username = %s) AND photoposter = %s ORDER BY postingdate DESC'

### Location

Located in the method select\_blogger() in init1.py in the FinalProject folder

### Screenshots

The screenshot shows the phpMyAdmin interface for a MySQL database named 'realfinalproject'. The 'photo' table is selected, and its structure is displayed. The table has columns: photoID, postingdate, filepath, allFollowers, caption, and photoPoster. The data is as follows:

photoID	postingdate	filepath	allFollowers	caption	photoPoster
1	2019-11-27 00:00:00	/roommates_b.jpg	1	roommates	bobby
2	2019-11-27 00:00:00	/roommates_a.jpg	1	roommates	abby
3	2019-11-27 00:00:00	/bowling_team.jpg	0	bowlingTeam	bobby
4	2019-11-27 00:00:00	/family_bora_bora.jpg	0	family vaca	abby
7	2019-12-11 17:59:57	7	1	7	a
8	2019-12-11 18:02:20	7	1	7	a

The interface also shows a sidebar with a database tree, a top navigation bar, and a bottom console area.

127.0.0.1:5000/home

Photo ID	Photo Poster	Date Posted	Photo
30	b	2019-12-11 18:03:44	

People tagged in each photo:

photo id	username	firstName	lastName
30	a	a	a

People who liked each photo:

photo id	username	rating
b		

search by poster

tag

search by tag

follow

request to follow

look at follow requests

[Add Friend Group](#)

[Logout](#)

127.0.0.1:5000/select\_blogger

Filtered by Posters

Photo ID	Photo Poster	Date Posted
30	b	2019-12-11 18:03:44

[Logout](#)

## Search by tag

### Queries

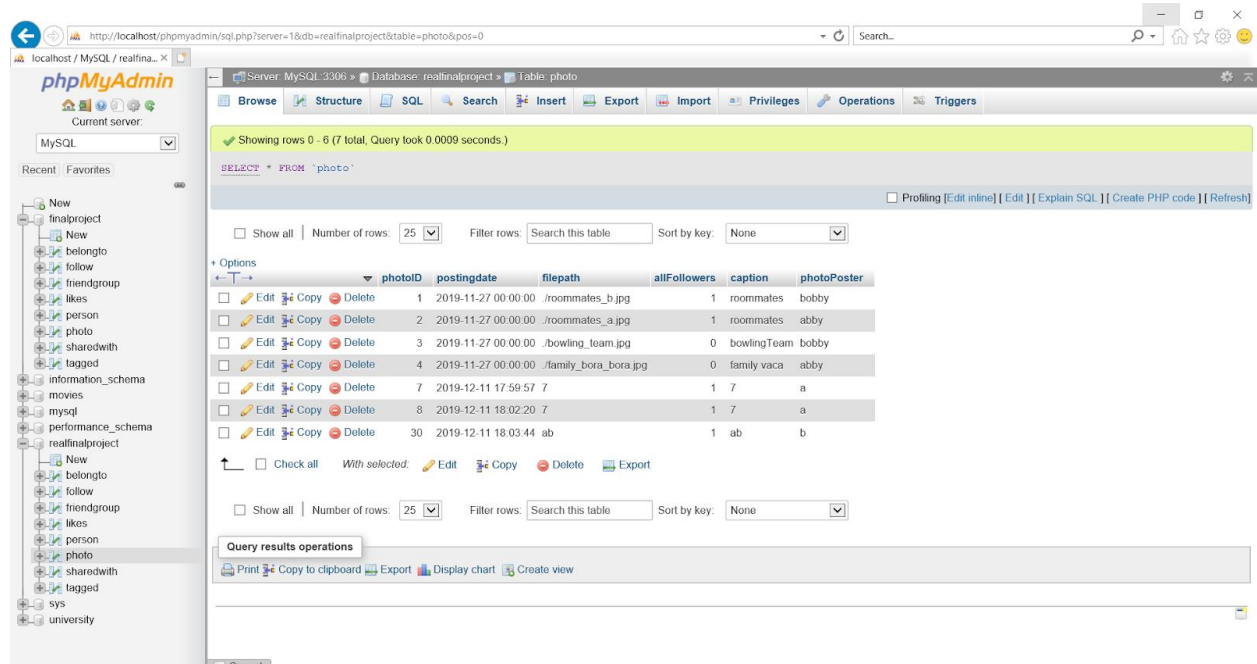
- 'SELECT photoID, photoPoster, postingdate FROM Photo WHERE photoPoster IN ((SELECT username\_followed FROM Follow WHERE username\_follower = %s AND followstatus = true) AND allFollowers = true OR photoPoster IN (SELECT owner\_username FROM BelongTo WHERE member\_username = %s))

AND photoID IN (SELECT photoID FROM tagged WHERE username = %s AND tagstatus = 1) ORDER BY postingdate DESC'

## Location

Located in the method select\_tag() in init1.py in the FinalProject folder

## Screenshots



Showing rows 0 - 6 (7 total, Query took 0.0009 seconds)

```
SELECT * FROM `photo`
```

Options: photoID, postingdate, filepath, allFollowers, caption, photoPoster

photoID	postingdate	filepath	allFollowers	caption	photoPoster
1	2019-11-27 00:00:00	/roommates_b.jpg	1	roommates	bobby
2	2019-11-27 00:00:00	/roommates_a.jpg	1	roommates	abby
3	2019-11-27 00:00:00	/bowling_team.jpg	0	bowlingTeam	bobby
4	2019-11-27 00:00:00	/family_bora_bora.jpg	0	family vaca	abby
7	2019-12-11 17:59:57	7	1	7	a
8	2019-12-11 18:02:20	7	1	7	a
30	2019-12-11 18:03:44	ab	1	ab	b

Query results operations: Print, Copy to clipboard, Export, Display chart, Create view

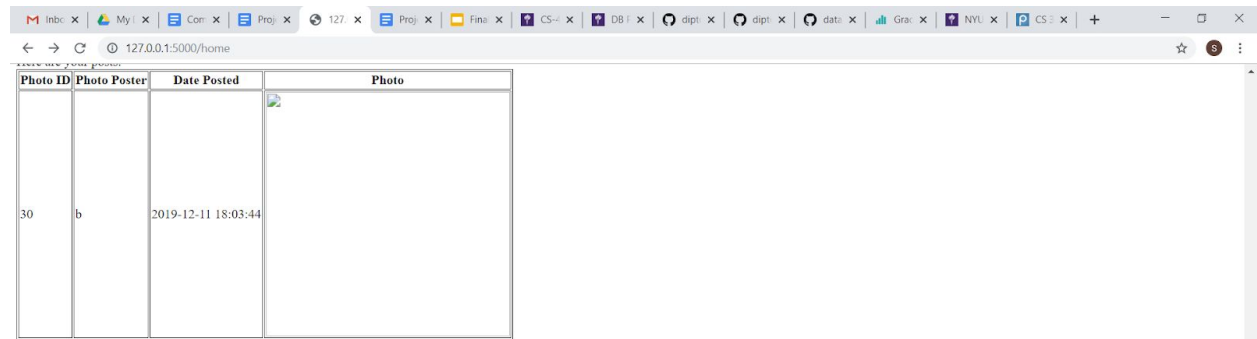


Photo ID	Photo Poster	Date Posted	Photo
30	b	2019-12-11 18:03:44	

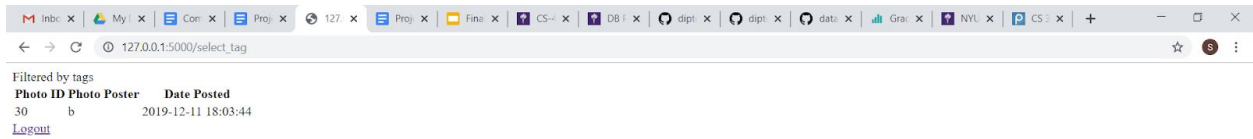
People tagged in each photo:

photo id	username	firstName	lastName
30	a	a	a

People who liked each photo:

photo id	username	rating
poster		
search by poster		
a		
search by tag		
follow		
request to follow		
look at follow requests		

[Add Friend Group](#)  
[Logout](#)



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## Extra features - Swapnil

Add friendgroup:

Queries:

```
check_exists = 'SELECT groupOwner, groupName FROM Friendgroup  
WHERE groupOwner = %s AND groupName = %s'
```

```
insert_fg_query = 'INSERT INTO Friendgroup VALUES (%s, %s, %s)'
```

Location: addFriendGroup() in init1.py in the FinalProject folder

Screenshots:

photoID

caption

filepath

public

Claire group

**Add Friend group**

School

Friends of high school

**Add Friend to group**

Claire group

type friend name

Here are your posts:

Photo ID	Photo Poster	Date Posted	Photo

People tagged in each photo:

photo id	username	firstName	lastName

People who liked each photo:

Showing rows 0 - 9 (10 total, Query took 0.0002 seconds.)

SELECT \* FROM `Friendgroup`

☐ 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

	groupOwner	groupName	description
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	abby	family	Lee Family
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	abby	roommates	roommates of 221B
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	bobby	bowlingTeam	The Pinhead Larrys
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	bobby	Hello	berg
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	bobby	Laa	dd
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	bobby	roommates	42 Wallaby Way
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	bobby	wefwr	wfwfw
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	bobby	wew	333
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	claire	Claire group	my group
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	claire	School	Friends of high school

☐ Check all | With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

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

Query results operations

[Print](#) [Copy to clipboard](#) [Export](#) [Display chart](#) [Create view](#)

Console

Press Ctrl+Enter to execute query

SELECT \* FROM `Friendgroup`

**Add friend:**

**Query:**

```
check_exists = 'SELECT member_username, groupName FROM BelongTo
WHERE member_username = %s AND groupName = %s'
```

```
insert_fg_query = 'INSERT INTO BelongTo VALUES(%s, %s, %s) '
```

Location: addfriend() in init1.py in the FinalProject folder

Screenshots:

Claire group  
School  
Post

## Add Friend group

groupname  
groupdescription  
Post

## Add Friend to group

Claire group  
School  
abby  
Post

Here are your posts:

Photo ID	Photo Poster	Date Posted	Photo
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People tagged in each photo:

photo id	username	firstName	lastName
----------	----------	-----------	----------

People who liked each photo:

photo id	username	rating
----------	----------	--------

poster  
search by poster

tag  
search by tag

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

SELECT \* FROM `BelongTo`

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

				member_username	owner_username	groupName
<input type="checkbox"/>	Edit	Copy	Delete	abby	abby	family
<input type="checkbox"/>	Edit	Copy	Delete	dan	abby	family
<input type="checkbox"/>	Edit	Copy	Delete	abby	abby	roommates
<input type="checkbox"/>	Edit	Copy	Delete	colleen	abby	roommates
<input type="checkbox"/>	Edit	Copy	Delete	abby	bobby	bowlingTeam
<input type="checkbox"/>	Edit	Copy	Delete	colleen	bobby	bowlingTeam
<input type="checkbox"/>	Edit	Copy	Delete	abby	bobby	Hello
<input type="checkbox"/>	Edit	Copy	Delete	colleen	bobby	Hello
<input type="checkbox"/>	Edit	Copy	Delete	colleen	bobby	Laa
<input type="checkbox"/>	Edit	Copy	Delete	bobby	bobby	roommates
<input type="checkbox"/>	Edit	Copy	Delete	dan	bobby	roommates
<input type="checkbox"/>	Edit	Copy	Delete	abby	claire	School

Check all | With selected: Edit Copy Delete Export

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

Query results operations

Print Copy to clipboard Export Display chart Create view

Console

Press Ctrl+Enter to execute query

> SELECT \* FROM `Person`

> SELECT \* FROM `Friendgroup`

> SELECT \* FROM `BelongTo`