

Swapnil and Dipto: Project Part 4

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()

Screenshots

The screenshot shows the phpMyAdmin interface for a MySQL database named 'realfinalproject'. The 'photo' table is selected, and the query results are displayed. The table has columns: photoID, postingdate, filepath, allFollowers, caption, and photoPoster. The results show 7 rows of data.

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

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

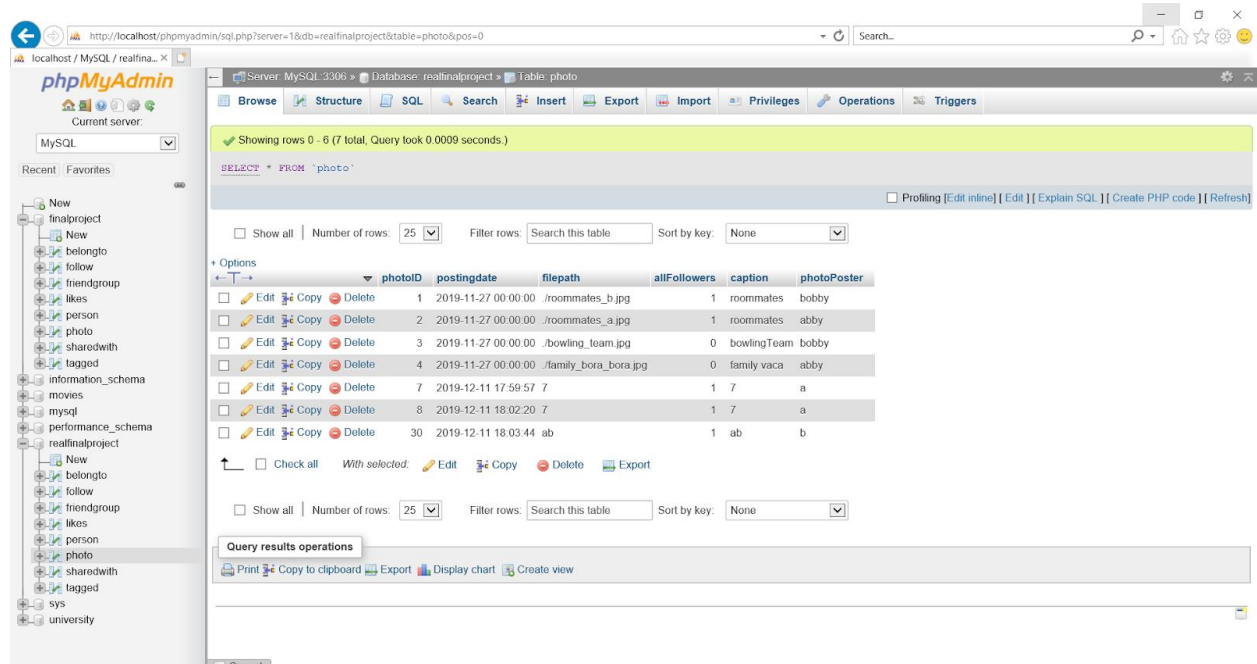
- 'SELECT photoID, photoPoster, postingdate FROM Photo WHERE photoPoster IN ((SELECT username_followed FROM Follow WHERE username_follower = %s AND followstatus = true) AND allFollowers = true OR photoPoster IN (SELECT owner_username FROM BelongTo WHERE member_username = %s))

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

Location

Located in the method select_tag()

Screenshots



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

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

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

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

Query results operations: [Print](#) [Copy to clipboard](#) [Export](#) [Display chart](#) [Create view](#)

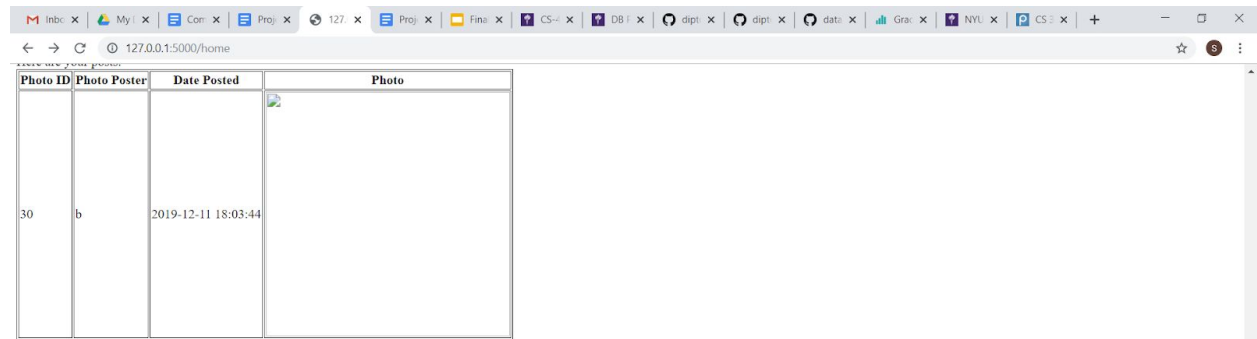


Photo ID: 30, Photo Poster: b, Date Posted: 2019-12-11 18:03:44

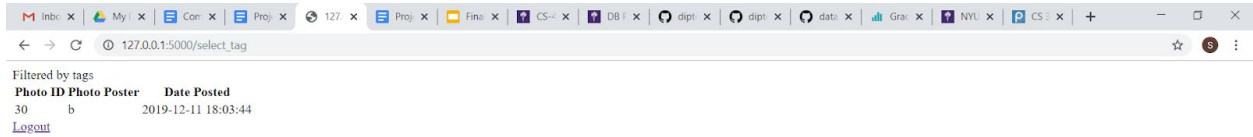
People tagged in each photo:

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](#)



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

Screenshots:

photoID

caption

filepath

public

Claire group

Post

Add Friend group

School

Friends of high school

Post

Add Friend to group

Claire group

type friend name

Post

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"/>	Edit Copy Delete	abby	family	Lee Family
<input type="checkbox"/>	Edit Copy Delete	abby	roommates	roommates of 221B
<input type="checkbox"/>	Edit Copy Delete	bobby	bowlingTeam	The Pinhead Larrys
<input type="checkbox"/>	Edit Copy Delete	bobby	Hello	berg
<input type="checkbox"/>	Edit Copy Delete	bobby	Laa	dd
<input type="checkbox"/>	Edit Copy Delete	bobby	roommates	42 Wallaby Way
<input type="checkbox"/>	Edit Copy Delete	bobby	wefwr	wfwfw
<input type="checkbox"/>	Edit Copy Delete	bobby	wew	333
<input type="checkbox"/>	Edit Copy Delete	claire	Claire group	my group
<input type="checkbox"/>	Edit Copy Delete	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

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
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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`