

First if we first enter all visible photo page, we would see following, and we are able to select photos with photo id.

Here are all your visible photos:

| Photo | Poster | Time Posted |
|--------------------|---------|---------------------|
| 11 | eleven | 2019-12-08 11:39:14 |
| 10 | eleven | 2019-12-08 11:39:01 |
| 9 | eleven | 2019-12-08 11:38:50 |
| 8 | eleven | 2019-12-08 11:38:40 |
| 7 | eleven2 | 2019-12-07 19:44:51 |
| 6 | eleven2 | 2019-12-07 19:44:39 |
| 5 | eleven | 2019-12-05 10:12:52 |

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Once the photo id is selected, then we can enter to following page and be able to see view comments and add comments.

[View Photo](#)

Photo ID: 5

Poster: [Zhengyi Li](#)

Date Posted: 2019-12-05 10:12:52

Likes: 0

[View Tagged Users](#)

[View Comments](#)

Add Comments

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When click view comments, we are able to see all the comments about this photo.

Here is all your comments

| comment | poster | Time Posted |
|---------|--------|---------------------|
| test | eleven | 2019-12-05 15:42:48 |
| again | eleven | 2019-12-05 15:42:54 |
| est | eleven | 2019-12-05 15:43:00 |

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If we add comments and submit, the database will receive data and show success.

Following is the database before add any new data. So Eleven has post picture 5, and eleven has some comment on it. Now Eleven2, which is the follower of Eleven, can see the picture 5 and add some comments. Following is the database before add any new comments.

```

+-----+
8 rows in set (0.09 sec)

mysql> select Finstagram;
ERROR 1054 (42S22): Unknown column 'Finstagram' in 'field list'
mysql> USE Finstagram
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> select * from Finstagram
-> ;
ERROR 1146 (42S02): Table 'finstagram.finstagram' doesn't exist
mysql> select * from Comments;
+-----+-----+-----+
| username | photoID | comments | commentTime |
+-----+-----+-----+
| eleven   |      5 | test    | 2019-12-05 15:42:48 |
| eleven   |      5 | again   | 2019-12-05 15:42:54 |
| eleven   |      5 | est     | 2019-12-05 15:43:00 |
+-----+-----+-----+
3 rows in set (0.00 sec)

mysql>

```

Now, let's use Eleven2 add new commands on photoID 5

Here are all your visible photos:

| Photo | Poster | Time Posted |
|-------|---------|---------------------|
| 10 | eleven | 2019-12-08 11:39:01 |
| 9 | eleven | 2019-12-08 11:38:50 |
| 8 | eleven | 2019-12-08 11:38:40 |
| 7 | eleven2 | 2019-12-07 19:44:51 |
| 6 | eleven2 | 2019-12-07 19:44:39 |
| 5 | eleven | 2019-12-05 10:12:52 |

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[View Photo](#)

Photo ID: 5

Poster: [Zhengyi Li](#)

Date Posted: 2019-12-05 10:12:52

Likes: [0](#)

[View Tagged Users](#)

[View Comments](#)

Add Comments

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sucsess [Back to pcis](#)

Now Eleven2 add new commands "wow, what a nice pict"

In database:

```

mysql> ;
ERROR 1146 (42S02): Table 'finstagram.finstagram' doesn't exist
mysql> select * from Comments;
+-----+-----+-----+-----+
| username | photoID | comments | commentTime |
+-----+-----+-----+-----+
| eleven | 5 | test | 2019-12-05 15:42:48 |
| eleven | 5 | again | 2019-12-05 15:42:54 |
| eleven | 5 | est | 2019-12-05 15:43:00 |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select * from Comments;
+-----+-----+-----+-----+
| username | photoID | comments | commentTime |
+-----+-----+-----+-----+
| eleven | 5 | test | 2019-12-05 15:42:48 |
| eleven | 5 | again | 2019-12-05 15:42:54 |
| eleven | 5 | est | 2019-12-05 15:43:00 |
| eleven2 | 5 | wow, what a nice pict | 2019-12-11 15:00:37 |
+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql>

```

As we can see, the new role is added

Now, let's see if we can see all the command by eleven2

Here is all your comments

| comment | poster | Time Posted |
|-----------------------|---------|---------------------|
| test | eleven | 2019-12-05 15:42:48 |
| again | eleven | 2019-12-05 15:42:54 |
| est | eleven | 2019-12-05 15:43:00 |
| wow, what a nice pict | eleven2 | 2019-12-11 15:00:37 |

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Yes, eleven2 is able to see all the comments about photo 5