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CSC 424

Final Project

userID=1 and friend’s id’s are 3,7, and 8

/\*Creating an Inbox from messages\*/

SELECT \* FROM

(SELECT inboxID, senderID, u1.lastName AS Sender\_Name, recipientID, u2.lastName AS Recipient\_Name, message, m.date, messageID

FROM messages AS m, users AS u1, users AS u2

WHERE (recipientID = 1 OR senderID = 1)

AND u1.userID=senderID

AND u2.userID=recipientID

ORDER BY date DESC) AS temp

GROUP BY inboxID

ORDER BY date DESC

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| inboxID | senderID | Sender\_Name | recipientID | Recipient\_Name | message | date | messageID |
| 3\_1 | 1 | Skinner | 3 | Mahmoud | hi | ######## | 104 |
| 1\_7 | 1 | Skinner | 7 | Cohen | hii | ######## | 101 |
| 8\_1 | 1 | Skinner | 8 | Khan | another | ######## | 100 |
| 1\_3 | 1 | Skinner | 3 | Mahmoud | it works! | ######## | 91 |

/\*creating a message thread\*/

USE project1;

SELECT \* FROM

(SELECT m.inboxID, m.senderID, sender.lastName AS 'From', m.recipientID, recipient.lastName AS 'To', m.message, m.date

FROM users AS sender, users AS recipient, messages AS m

WHERE sender.userID=m.senderID

AND recipient.userID=m.recipientID

ORDER BY m.date DESC) AS temp

ORDER BY temp.inboxID;

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| inboxID | senderID | From | recipientID | To | message | date |
| 1\_3 | 1 | Skinner | 3 | Mahmoud | it works! | 5/16/2012 8:19 |
| 1\_3 | 1 | Skinner | 3 | Mahmoud | waddup | 5/16/2012 8:02 |
| 1\_3 | 1 | Skinner | 3 | Mahmoud | | 5/16/2012 3:01 |
| 1\_3 | 1 | Skinner | 3 | Mahmoud | ahhhh | 5/16/2012 2:59 |
| 1\_3 | 1 | Skinner | 3 | Mahmoud | a few more probably | 5/16/2012 2:57 |
| 1\_3 | 1 | Skinner | 3 | Mahmoud | a few more probably | 5/16/2012 2:57 |
| 1\_3 | 1 | Skinner | 3 | Mahmoud | another test | 5/16/2012 2:56 |
| 1\_3 | 1 | Skinner | 3 | Mahmoud | test | 5/16/2012 2:55 |
| 1\_3 | 1 | Skinner | 3 | Mahmoud | test | 5/16/2012 2:51 |
| 1\_3 | 1 | Skinner | 3 | Mahmoud | yet another test | 5/8/2012 7:57 |
| 1\_3 | 1 | Skinner | 3 | Mahmoud | here\'s another one | 5/7/2012 16:52 |
| 1\_3 | 3 | Mahmoud | 1 | Skinner | heyy | 4/24/2012 17:47 |
| 1\_3 | 1 | Skinner | 3 | Mahmoud | booo yaaaaaa | 4/5/2012 17:43 |
| 1\_3 | 1 | Skinner | 3 | Mahmoud | blaaaaaahhhhhasdhf;jas;lkdflkasjdflkjasdflkjasdkfjadsl;fkadsfjads;lasklfaklsdfj;adlskfjaskld;fjlkasdfj;alskfjsdkl;fjasl;kfgjiorngpqioerfgnoipqerfnoipqerngaokdjngdka;gna;skdflgjas;lkdfjas;lkdflaskdf;laskdflkasdfjl;aksfjl;sadkasdkfjasl;dkfjpoqwirfmpoqeirjgn;oqeirgj | 4/5/2012 17:13 |
| 1\_3 | 3 | Mahmoud | 1 | Skinner | moooooooooreeeeee test forrrrrrrrrrrrrrrrr a reallyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyy      loooooooooooooooooooooooooong messaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaageeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee | 4/1/2012 17:14 |
| 1\_3 | 3 | Mahmoud | 1 | Skinner | mooooo | 3/27/2012 18:13 |
| 1\_3 | 1 | Skinner | 3 | Mahmoud | think i forgot an apostrophe | 3/27/2012 16:51 |
| 1\_3 | 1 | Skinner | 3 | Mahmoud | fuckk! | 3/27/2012 16:48 |
| 1\_3 | 1 | Skinner | 3 | Mahmoud | here we go again | 3/27/2012 16:46 |
| 1\_3 | 1 | Skinner | 3 | Mahmoud | one more try | 3/27/2012 16:45 |
| 1\_3 | 1 | Skinner | 3 | Mahmoud | it won''t refresh | 3/27/2012 16:43 |
| 1\_3 | 1 | Skinner | 3 | Mahmoud | More tests | 3/27/2012 16:40 |
| 1\_3 | 1 | Skinner | 3 | Mahmoud | here is another one | 3/27/2012 13:43 |
| 1\_3 | 1 | Skinner | 3 | Mahmoud | here is another one | 3/27/2012 13:42 |
| 1\_3 | 1 | Skinner | 3 | Mahmoud | yoooo testing | 3/27/2012 13:28 |
| 1\_7 | 1 | Skinner | 7 | Cohen | hii | 5/16/2012 13:05 |
| 1\_7 | 1 | Skinner | 7 | Cohen | and another | 5/16/2012 8:58 |
| 1\_7 | 1 | Skinner | 7 | Cohen | another | 5/16/2012 8:57 |
| 1\_7 | 1 | Skinner | 7 | Cohen | test | 5/16/2012 8:48 |
| 1\_7 | 1 | Skinner | 7 | Cohen | ok a little more | 5/16/2012 8:38 |
| 1\_7 | 1 | Skinner | 7 | Cohen | slightly less | 5/16/2012 8:34 |
| 1\_7 | 1 | Skinner | 7 | Cohen | MOAR! | 5/16/2012 8:32 |
| 1\_7 | 1 | Skinner | 7 | Cohen | make em say unghhhhh | 5/16/2012 8:17 |
| 1\_7 | 1 | Skinner | 7 | Cohen | woooo | 5/16/2012 8:16 |
| 1\_7 | 1 | Skinner | 7 | Cohen | again | 5/16/2012 8:03 |
| 1\_7 | 1 | Skinner | 7 | Cohen | test | 5/16/2012 7:59 |
| 1\_7 | 1 | Skinner | 7 | Cohen | hi again!!! | 3/27/2012 13:46 |
| 3\_1 | 1 | Skinner | 3 | Mahmoud | hi | 5/17/2012 10:30 |
| 3\_1 | 1 | Skinner | 3 | Mahmoud | you | 5/16/2012 14:00 |
| 3\_1 | 1 | Skinner | 3 | Mahmoud | hi ahmed | 5/16/2012 13:17 |
| 3\_1 | 1 | Skinner | 3 | Mahmoud | so much testing | 5/16/2012 8:21 |
| 3\_1 | 1 | Skinner | 3 | Mahmoud | rawr | 5/16/2012 8:08 |
| 3\_1 | 1 | Skinner | 3 | Mahmoud | rawr | 5/16/2012 8:08 |
| 3\_1 | 3 | Mahmoud | 1 | Skinner | meowwwww | 5/8/2012 17:49 |
| 8\_1 | 1 | Skinner | 8 | Khan | another | 5/16/2012 9:08 |
| 8\_1 | 1 | Skinner | 8 | Khan | test | 5/16/2012 8:59 |
| 8\_1 | 1 | Skinner | 8 | Khan | yeaaaa | 5/16/2012 8:10 |
| 8\_1 | 1 | Skinner | 8 | Khan | waaaaaa | 5/16/2012 8:09 |
| 8\_1 | 1 | Skinner | 8 | Khan | test | 5/16/2012 8:01 |
| 8\_1 | 1 | Skinner | 8 | Khan | yeaaa buudddyyy | 4/19/2012 17:04 |
| 8\_1 | 8 | Khan | 1 | Skinner | Message check | 4/19/2012 16:53 |

/\*Displaying information about user's friends\*/

SELECT

u1.userID AS friendID, u1.lastname friendName,

f.date AS becameFriendsOn, p.name AS Profile\_Picture,

u1.email, u1.gender, u1.tv, u1.music, u1.movies, u1.books, u1.about,

@COUNT AS number\_of\_friends, COUNT(p2.pictureID) AS number\_of\_pics, u1.month, u1.day, u1.year, u1.date AS dateJoined

FROM friends AS f, users AS u, users AS u1, pictures AS p, pictures AS p2, friends AS f1

WHERE

((f.userID = 1 AND f.userID = u.userID AND f.friendID=u1.userID)

OR (f.friendID = 1 AND f.friendID = u.userID AND f.userID=u1.userID))

AND p.userID=u1.userID

AND p.profilePicture=1

AND p2.userID=u1.userID

AND (SELECT COUNT(\*) FROM friends WHERE userID=u1.userID OR friendID=u1.userID)=@COUNT

GROUP BY f.friendID

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| friendID | friendName | becameFriendsOn | Profile\_Picture | email | gender | tv | music | movies | books | about | number\_of\_friends | number\_of\_pics | month | day | year | dateJoined |
| 3 | Mahmoud | 3/15/2012 15:26 | Users/user3/3\_0.jpg | A.m@csi.edu | m | I don't really watch tv | ACDC, motorhead | titanic | I can't read | This is a test | 1 | 2 | May | 7 | 1992 | 3/14/2012 18:25 |
| 7 | Cohen | 3/19/2012 19:02 | Users/user7/7\_1.jpg | megancohen.ny@gmail.com | f | NULL | NULL | NULL | NULL | NULL | 1 | 4 | May | 18 | 1988 | 3/19/2012 7:54 |