FRIENDSHIP SQL Create Database

CREATE DATABASE IF NOT EXISTS `friendship` /\*!40100 DEFAULT CHARACTER SET latin1 \*/;

USE `friendship`;

DROP TABLE IF EXISTS `users`;

CREATE TABLE `users` (

`user\_id` smallint(5) unsigned NOT NULL AUTO\_INCREMENT,

`first\_name` varchar(45) NOT NULL,

`last\_name` varchar(45) NOT NULL,

`created\_at` timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP,

`updated\_at` timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP,

PRIMARY KEY (`user\_id`)

) ENGINE=InnoDB AUTO\_INCREMENT=606 DEFAULT CHARSET=utf8;

LOCK TABLES `users` WRITE;

INSERT INTO `users` VALUES (1,'CHRIS','BAKER','2006-02-14 20:34:33', '2017-06-16 20:50:44'),

(2,'JESSICA','DAVIDSON','2006-02-14 20:34:33','2017-06-16 20:50:44'),

(3,'JAMES','JOHNSON','2006-02-14 20:34:33','2017-06-16 20:50:44'),(4,'DIANA','SMITH', '2017-06-16 20:50:44', '2017-06-16 20:50:44');

UNLOCK TABLES;

DROP TABLE IF EXISTS `friendships`;

CREATE TABLE `friendships` (

`friendship\_id` smallint(5) unsigned NOT NULL AUTO\_INCREMENT,

`user\_id` smallint(5) unsigned NOT NULL,

`friend\_id` smallint(5) unsigned NOT NULL,

`created\_at` timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP,

`updated\_at` timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP,

PRIMARY KEY (`friendship\_id`)

) ENGINE=InnoDB AUTO\_INCREMENT=606 DEFAULT CHARSET=utf8;

LOCK TABLES `friendships` WRITE;

INSERT INTO `friendships` VALUES (1,1,2,'2006-02-14 20:34:33','2017-06-16 20:50:44'),

(2,1,3,'2006-02-14 20:34:33','2017-06-16 20:50:44'),(3,1,4,'2006-02-14 20:34:33','2017-06-16 20:50:44'),

(4,4,1,'2006-02-14 20:34:33','2017-06-16 20:50:44'),(5,3,1,'2006-02-14 20:34:33','2017-06-16 20:50:44'),

(6,2,1,'2006-02-14 20:34:33','2017-06-16 20:50:44');

UNLOCK TABLES;

SELECT users.first\_name, users.last\_name, user2.first\_name as friend\_first\_name, user2.last\_name as friend\_last\_name

FROM users

LEFT JOIN friendships ON friendships.user\_id = users.user\_id

LEFT JOIN users as user2 ON users.user\_id = friendships.friend\_id

ORDER BY friend\_last\_name;

