

# Project Milestone 3

## Update to Database

In order to correctly run the database transaction, an update needs to be made to a data type of one of the tables. The command below is a SQL command in order to modify historical data of events. It specifically changes the revenue to accommodate a floating-point value. The original seemed to be set to a value of two places without a decimal place. This should be updated before the transaction can run properly.

```
ALTER TABLE `millennia-pavilion-db`.`postevents` MODIFY `event_revenue`  
DOUBLE(12,2);
```

## Successful Run Results

If this is the first SQL command after the initial data dump, this transaction should run properly. If not, please delete/drop the current schema and import the original file, alter the postevents table, and lastly run the full transaction as a whole.

✓	34	19:07:04	START TRANSACTION	0 row(s) affected	0.000 sec
✓	35	19:07:04	INSERT INTO `millennia-pavilion-db`.`artists` (`artist_n...	4 row(s) affected Records: 4 Duplicates: 0 Warnings: 0	0.000 sec
✓	36	19:07:04	INSERT INTO `millennia-pavilion-db`.`events` (`event_...	4 row(s) affected Records: 4 Duplicates: 0 Warnings: 0	0.000 sec
✓	37	19:07:04	INSERT INTO `millennia-pavilion-db`.`customers` (`cus...	4 row(s) affected Records: 4 Duplicates: 0 Warnings: 0	0.000 sec
✓	38	19:07:04	INSERT INTO `millennia-pavilion-db`.`eventcustomer` ...	4 row(s) affected Records: 4 Duplicates: 0 Warnings: 0	0.000 sec
✓	39	19:07:04	INSERT INTO `millennia-pavilion-db`.`postevents` (`ev...	4 row(s) affected Records: 4 Duplicates: 0 Warnings: 0	0.000 sec
✓	40	19:07:04	INSERT INTO `millennia-pavilion-db`.`setlist` (`set_son...	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.000 sec
✓	41	19:07:04	COMMIT	0 row(s) affected	0.000 sec

Samuel Shelley  
CPT 240 I01  
Prof Carman  
April 16, 2024

## Database Transaction

This transaction “inserts” sample data into the database in a secure method.

```
START TRANSACTION;

INSERT INTO `millennia-pavilion-db`.`artists` (`artist_name`,
`artist_hometown`, `artist_genre`)
VALUES ('TCTG', 'Conway', 'Smooth Jazz'),
('The Kytes', 'Conway', 'American Folk'),
('Jack Solomon', 'Georgetown', 'Indie Rock'),
('Beach Man', 'Myrtle Beach', 'Raggae');

INSERT INTO `millennia-pavilion-db`.`events` (`event_date`, `event_time`,
`event_name`)
VALUES ('2024-04-20', '22:00', 'Par Four Jazz Bash'),
('2024-04-27', '20:00', 'Dedicated to Algorithms'),
('2024-05-04', '20:00', 'Desert Man vs. Beach Man'),
('2024-04-11', '15:00', "Beach Man's Celebration");

INSERT INTO `millennia-pavilion-db`.`customers` (`customer_firstname`,
`customer_lastname`, `customer_email`, `customer_mailerlist`)
VALUES ('Samuel', 'Shelley', 'sshell18@hgtc.edu', 0),
('Dennis', 'Quaid', 'osi@uni.com', 1),
('Regala', 'Schmegala', 'noone@gmail.com', 0),
('John', 'Doe', 'jdoe@yahoo.com', 1);

INSERT INTO `millennia-pavilion-db`.`eventcustomer`
(`eventcustomer_viplevel`, `customer_id`, `event_id`)
VALUES ('Diamond', 1, 1),
('Gold', 2, 2),
('Bronze', 3, 3),
('Silver', 4, 4);

INSERT INTO `millennia-pavilion-db`.`postevents` (`event_id`,
`event_attendantscount`, `event_revenue`, `event_duration`)
VALUES (1, 157, '3143.55', '04:34'),
(2, 78, '936.72', '02:35'),
(3, 382, '14134.88', '05:48'),
(4, 191, '4775.93', '02:20');
```

CONTINUED...

Samuel Shelley  
CPT 240 I01  
Prof Carman  
April 16, 2024

```
INSERT INTO `millennia-pavilion-db`.`setlist` (`set_songname`, `set_artist`,  
`set_event`)  
VALUES ('I Just Really Love That Golf Stuff', 1, 1),  
('American Puzzles', 2, 2),  
('Rain Dance', 3, 3),  
('Juju Bak at Yu', 4, 3),  
('I Don Won', 4, 4);  
  
COMMIT;
```