

# Tables Created

- user (ID, pod\_ID, workout\_ID, message\_type, first\_name, last\_name, middle\_initial, initial\_weight, goal\_weight, height, sex, date\_of\_birth, cell\_phone\_number, email\_address)
- workout\_plan (ID, description)
- schedule (workout\_plan\_ID, workout\_type\_ID)
- workout\_type (ID, day, description, type)
- feedback\_message (ID, level, message)
- weight\_log (date, user\_ID, weight)
- pod (ID, nurse\_ID, member\_count)
- nurse (ID, first\_name, last\_name, middle\_initial, location, phone\_number)

# Sample Create Table

```
CREATE TABLE pod
(
    ID varchar(10),
    nurse_id varchar(10),
    member_count int(10),
    PRIMARY KEY (ID),
    FOREIGN KEY (nurse_id) REFERENCES nurse(ID)
);
```

# Sample Insert Input

INSERT INTO nurse VALUES

(1, 'Queen', 'Elizabeth', 'V', 'London', 9873029)

INSERT INTO user VALUES

(1, 1, 1, 1, 'Josh', 'Deremer', 'M', 220, 180, 73, 'M', '1991-11-23', '7069830412', 'josh.deremer@gmail.com')

INSERT INTO pod VALUES

(1, 1, 2)

INSERT INTO feedback\_message VALUES

(1, 'Easy', 'Good work')

INSERT INTO workout\_plan VALUES

(1, 'Test workout plan')

# Sample Trigger

Delimiter \$\$

```
CREATE TRIGGER vwl.update_pod_count AFTER INSERT ON vwl.user  
FOR EACH ROW
```

```
BEGIN
```

```
    UPDATE pod
```

```
        SET pod.member_count = (SELECT count(*) FROM user WHERE user.pod_id  
= pod.ID)
```

```
        WHERE pod.id = NEW.pod_id;
```

```
END $$
```

Delimiter ;

# Sample Event

```
SET GLOBAL event_scheduler = ON;
```

```
delimiter &&
```

```
CREATE EVENT send_workout ON SCHEDULE EVERY 15 SECOND STARTS  
CURRENT_TIMESTAMP + INTERVAL 3 SECOND
```

```
DO
```

```
    BEGIN
```

```
        INSERT INTO user VALUES (3, 1, 1, 1, 'John', 'Dixon', 'M', 220, 180, 73, 'M',  
'1991-11-23', '7069830', 'josh.deremer@gmail.com');
```

```
        SELECT "Something"
```

```
        INTO OUTFILE "test.txt" from orders;
```

```
    END &&
```

```
delimiter ;
```