**CS 4400 SU 16**

**Phase 3**

**SQL Page Statements**

**Group 21**

Morgan Jacobus

Tom Hervieu

Naman Kanakiya

Zengweijie Chen

**“?” is a placeholder for a php variable**

**[Registration Page]**

INSERT INTO `cs4400\_Team\_21`.`User` (‘Username’,’Password’,’Email’) VALUES (‘$newUsername’,’$newPassword’,’$newEmail’);

SELECT M\_Password FROM System\_Info;

INSERT INTO `cs4400\_Team\_21`.`Customers` (‘Username’) VALUES (‘$newCustUsername’);

INSERT INTO `cs4400\_Team\_21`.`Manager` (‘Username’) VALUES (‘$newManageUsername’);

**[Now Playing]**

SELECT M\_Title, Movie\_ID FROM MOVIE WHERE Now\_Playing = 1 ;

**[My Profile]**

No SQL Needed

**[Movie]**

SELECT Movie\_ID, M\_Title, M\_Duration, M\_Synopsis, MPAA\_Rating, M\_Release\_Date, AVG(R\_Rating)

FROM Movie NATURAL JOIN Review

WHERE Movie\_ID = ‘$movie\_ID’

GROUP BY Movie\_ID

**[Overview]**

SELECT \* FROM MOVIE WHERE Movie\_ID = $Movie\_ID;

**[Give Review]**

INSERT INTO `cs4400\_Team\_21`.`Reviews` (‘Username’,’Movie\_ID’,’Review\_ID’,’R\_Rating’,’R\_Title’,’R\_Comment’) VALUES (‘$username’,’$movie\_ID’,’$review\_ID’,’$r\_rating’,’$r\_title’,’$r\_comment’);

**[Review]**

SELECT M\_Title, AVG(R\_Rating) FROM Movie NATURAL JOIN Review

WHERE Movie\_ID = $Movie\_ID

GROUP BY Movie\_ID;

SELECT \* FROM REVIEW WHERE Movie\_ID = $Movie\_ID;

**[Choose Theatre]**

SELECT THTR\_Name FROM Saves NATURAL JOIN Theatre WHERE Username = $Username;

**[Search Theatre Results]**

SELECT \* FROM Theatre WHERE CONCAT(THTR\_Name, THTR\_City,THTR\_State) like “<variable of search term from choose theatre>”

INSERT INTO `cs4400\_Team\_21`.`Saves`(“Username”,”Theatre\_ID”) VALUES (?,?);

**[Select Time]**

SELECT \* FROM Movie WHERE Movie\_ID = ?

SELECT Theatre\_ID FROM theatre WHERE THTR\_Name = ?;

SELECT Showtime\_ID, date\_format(S\_Date, \"%W, %M %D, %Y\") AS date

FROM showtime

WHERE Theatre\_ID = ? AND Movie\_ID = ?;

SELECT a.M\_Title, a.MPAA\_Rating, a.M\_Duration,b.showtime\_ID,b.S\_Date

FROM Movie as a INNER JOIN Showtime as b ON a.Movie\_ID = b.Movie\_ID

WHERE a.Movie\_ID IN (SELECT Movie\_ID FROM Movie WHERE Movie\_ID = ?);

**[Ticket]**

SELECT a.M\_Title, a.MPAA\_Rating, a.M\_Duration,b.showtime\_ID,b.S\_Date

FROM Movie as a INNER JOIN Showtime as b ON a.Movie\_ID = b.Movie\_ID

WHERE a.Movie\_ID IN (SELECT Movie\_ID FROM Movie WHERE Movie\_ID = 15);

SELECT S\_Date FROM Showtime WHERE Showtime\_ID = ?;

SELECT Base\_Price, Senior\_Disc, Child\_Disc FROM System\_Info

**[Payment Info]**

SELECT \* FROM Movie as a INNER JOIN Showtime as b ON a.Movie\_ID = b.Movie\_ID

INNER JOIN theatre as c ON b.Theatre\_ID = c.Theatre\_ID

WHERE b.Showtime\_ID = ?

AND a.Movie\_ID = ?

AND c.Theatre\_ID = ?;

SELECT C\_Num FROM Payment\_Info WHERE Username = ? and C\_Saved =1;

SELECT C\_Num FROM Payment\_Info WHERE Username = $Username and C\_Saved =1;

INSERT INTO `cs4400\_Team\_21`.`Payment\_Info` (‘C\_Num’, ‘C\_Exp\_Date’, ‘C\_Saved’, ‘Username’) VALUES ($card\_num,$c\_exp\_date,$C\_saved,$username);

**[Confirmation]**

SELECT \* FROM Movie as a INNER JOIN Showtime as b ON a.Movie\_ID = b.Movie\_ID

INNER JOIN theatre as c ON b.Theatre\_ID = c.Theatre\_ID

WHERE b.Showtime\_ID = ?

AND a.Movie\_ID = ? AND c.Theatre\_ID = ?

INSERT INTO Orders (Username, C\_Num, Showtime\_ID, O\_Date, O\_Cost, O\_Status, O\_Adult, O\_Child, O\_SENIOR) VALUES (?,?,?,?,?,?,0,?,?);

SELECT Order\_ID FROM Orders WHERE Username = ? AND C\_Num = ? AND Showtime\_ID = ?;

INSERT INTO `cs4400\_Team\_21`.`Orders` (`Username`, `C\_Num`, `Order\_ID`, `Showtime\_ID`, `O\_Date`, `O\_Cost`, `O\_Status`, `O\_Adult`, `O\_Child`, `O\_SENIOR`) VALUES ('wenwejj', '4984398374983749', '54', '203', '2016-07-18 09:45:03', '6.00', '1', '2', '2', '2');

**[Order History]**

SELECT Order\_ID, M\_Title, O\_Status, O\_Cost

FROM Orders AS a JOIN Showtime AS b ON a.Showtime\_ID=b.Showtime\_ID

JOIN Movie AS c ON b.Movie\_ID = c.Movie\_ID

WHERE a.Username = ?;

SELECT Order\_ID, M\_Title, O\_Status, O\_Cost

FROM Orders AS a JOIN Showtime AS b ON a.Showtime\_ID=b.Showtime\_ID

JOIN Movie AS c ON b.Movie\_ID = c.Movie\_ID

WHERE a.Username = ?;

SELECT Order\_ID, M\_Title, O\_Status, O\_Cost

FROM ORDERS AS a JOIN SHOWTIME AS b ON a.Showtime\_ID=b.Showtime\_ID JOIN MOVIE AS c ON b.Movie\_ID = c.Movie\_ID

WHERE Order\_ID = ?;

**[Order Detail/Cancel Order]**

SELECT a.M\_Title, a.MPAA\_Rating, a.M\_Duration,b.showtime\_ID,b.S\_Date

FROM Movie as a INNER JOIN Showtime as b ON a.Movie\_ID = b.Movie\_ID

WHERE a.Movie\_ID IN (SELECT Movie\_ID FROM Movie AND WHERE Movie\_ID = ?);

SELECT S\_Date FROM Showtime WHERE Showtime\_ID = ?;

SELECT O\_Cost FROM Orders WHERE Order\_ID = 35;

SELECT Cancel\_Fee FROM System\_Info;

UPDATE `cs4400\_Team\_21`.`Orders` SET `O\_Cost`='5.00', `O\_Status`='1' WHERE `Order\_ID`='35';

**[Preferred Theatre]**

SELECT \* FROM Saves NATURAL JOIN Theatre WHERE Username = ?;

DELETE FROM Saves WHERE Theatre\_ID = ?;

**[Manager Choose Functionality]**

No SQL Needed

**[Revenue Report]**

SELECT MonthName(O\_Date) as Month,SUM(O\_Cost) as Total\_Cost

FROM Orders

WHERE DATE\_SUB(LAST\_DAY(O\_Date), INTERVAL 3 MONTH) <= O\_Date

GROUP BY Month

ORDER BY Month(O\_Date);

**[Popular Movie Report]**

(SELECT MonthName(a.O\_Date) as Month, c.M\_Title as Movie, Count(b.Movie\_ID) AS Num\_Orders

FROM Orders a INNER JOIN Showtime b ON a.Showtime\_ID = b.Showtime\_ID

INNER JOIN Movie c ON c.Movie\_ID = b.Movie\_ID

WHERE a.O\_Date BETWEEN DATE\_SUB(DATE\_SUB(CURDATE(), INTERVAL DAYOFMONTH(CURDATE())-1 DAY),INTERVAL 2 MONTH) AND DATE\_SUB(LAST\_DAY(CURDATE()), INTERVAL 2 MONTH)

GROUP BY Month, MOVIE

ORDER BY Num\_Orders DESC

LIMIT 3)

UNION

(SELECT MonthName(a.O\_Date) as Month, c.M\_Title as Movie, Count(b.Movie\_ID) AS Num\_Orders

FROM Orders a INNER JOIN Showtime b ON a.Showtime\_ID = b.Showtime\_ID

INNER JOIN Movie c ON c.Movie\_ID = b.Movie\_ID

WHERE a.O\_Date BETWEEN DATE\_SUB(DATE\_SUB(CURDATE(), INTERVAL DAYOFMONTH(CURDATE())-1 DAY),INTERVAL 1 MONTH) AND DATE\_SUB(LAST\_DAY(CURDATE()), INTERVAL 1 MONTH)

GROUP BY Month, MOVIE

ORDER BY Num\_Orders DESC

LIMIT 3)

UNION

(SELECT MonthName(a.O\_Date) as Month, c.M\_Title as Movie, Count(b.Movie\_ID) AS Num\_Orders

FROM Orders a INNER JOIN Showtime b ON a.Showtime\_ID = b.Showtime\_ID

INNER JOIN Movie c ON c.Movie\_ID = b.Movie\_ID

WHERE a.O\_Date BETWEEN DATE\_SUB(DATE\_SUB(CURDATE(), INTERVAL DAYOFMONTH(CURDATE())-1 DAY),INTERVAL 0 MONTH) AND DATE\_SUB(LAST\_DAY(CURDATE()), INTERVAL 0 MONTH)

GROUP BY Month, MOVIE

ORDER BY Num\_Orders DESC

LIMIT 3)

**[My Payment Info]**

SELECT \* FROM Payment\_Info WHERE Username = ?

UPDATE `cs4400\_Team\_21`.`Payment\_Info` SET C\_Saved = 0 WHERE C\_Num = ?