

Assignment - 21
Grant and Revoke.

- 1) Give Amit the right to change the ratings of the customers.

ANS: GRANT UPDATE (rating) ON store.customers TO amit@localhost.

- 2) Give Manoj the right to give other users the right to query the Orders table.

ANS: GRANT SELECT ON store.orders TO manoj@localhost WITH GRANT OPTION .

- 3) Take the INSERT privilege on Salespeople away from Ajita.

ANS: REVOKE INSERT ON store.salespeople FROM ajita@localhost.

- 4) Grant Abhijeet the right to insert or update the Customers table while keeping her possible rating values in the range of 100 to 500.

ANS: ALTER TABLE store.customers
ADD CONSTRAINT chk_rating_range
CHECK (rating BETWEEN 100 AND 500);

GRANT INSERT, UPDATE ON store.customers TO 'abhijeet'@'localhost';

- 5) Allow Vikram to query the Customers table, but restrict his access to those customers whose rating is the lowest.

ANS: CREATE VIEW lowest_rated_customers AS
SELECT * FROM store.customers
WHERE rating = (SELECT MIN(rating)
FROM store.customers);

GRANT SELECT ON store.lowest_rated_customers TO 'vikram'@'localhost';