

Assignment - 21

Grant and Revoke

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

Query -> GRANT UPDATE (rating) ON Customers TO Amit;

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

Query -> GRANT SELECT ON Orders TO Manoj WITH GRANT OPTION;

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

Query -> REVOKE INSERT ON Salespeople FROM Ajita;

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.

Query ->

ALTER TABLE Customers ADD CONSTRAINT chk_rating_range CHECK (rating BETWEEN 100 AND 500);

GRANT INSERT, UPDATE ON Customers TO Abhijeet;

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

Query ->

CREATE VIEW LowRatingCustomers AS SELECT * FROM Customers

WHERE rating = (SELECT MIN(rating) FROM Customers);

GRANT SELECT ON LowRatingCustomers TO Vikram;