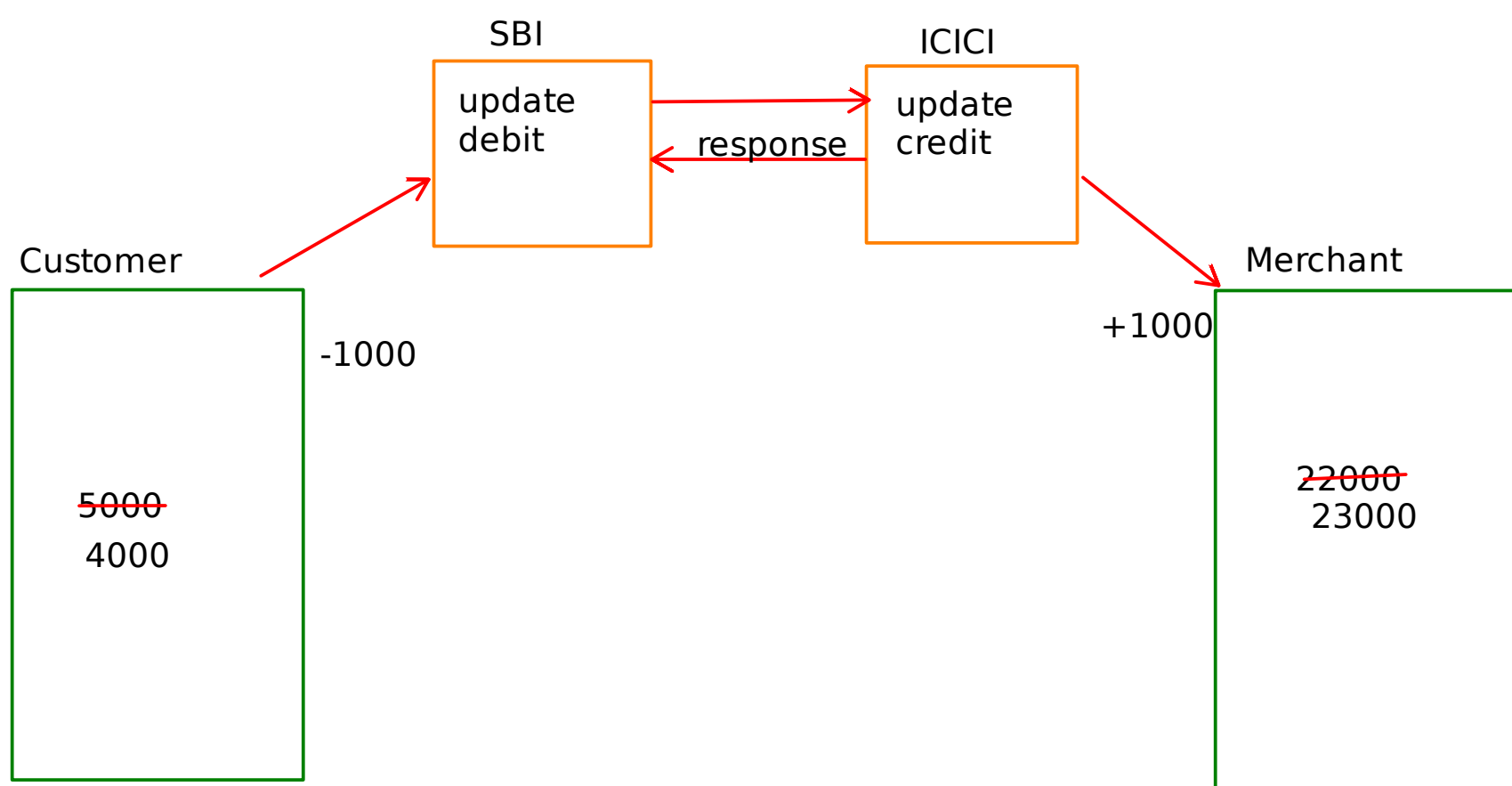


root user is the main/admin of your database  
 this login should be used to create users and databases.  
 also to assign privileges to the users in the created databases.

1. mgr -> mgr (%)
2. teamlead@localhost -> teamlead (localhost)
3. dev1@localhost -> dev1 (localhost)

% -> user can login to the mysql sever from any machine on the network  
 @localhost or @ipaddress -> user can login to the mysql server from that specified machine only.

A -> Atomicity  
 C -> Consistency  
 I -> Isolation  
 D -> Durability



SATRT TRANSACTION;  
 DELETE FROM books WHERE id = 4002;  
 COMMIT;

START TRANSACTION;

UPDATE accounts SET balance = balance-3000 WHERE id = 4;  
-- balance -> 37000

DCL

TCL

SAVEPOINT s1;

UPDATE accounts SET balance = balance-2000 WHERE id = 3;  
-- balance -> 28000

SAVEPOINT s2;

UPDATE accounts SET balance = balance-1000 WHERE id = 2;  
-- balance -> 19000

SAVEPOINT s3;

ROLLBACK TO s2; // account 2 balance will be rolled back

ROLLBACK TO s3; // savepoint does not exists

ROLLBACK TO s1; // account 3 balance will be rolled back;

COMMIT OR ROLLBACK; //