ACID

Atomicity – All operations are completed successfully or the DB should return to its previous state.

Consistency – Operations do not violate system integrity

Isolated – Operations and results should be independent of concurrent transactions.

Durability – Results should be persisted to in case of failure.

Transaction:

A unit of work, one or more SQL operations (except DDL), typically DMLs.

Can be just one or hundred or thousand queries under one transaction.

Commit:

Indicates the DB the end of transaction and to make the changes permanent in the DB.

Roll back:

Revert all changes made by the current transaction.

Save point:

Programmatic point we can set, which allows us to rollback to particular point if needed.