Overview of Transactions

Let us go through the details related to Transactions.

- We typically perform operations such as `COMMIT` and `ROLLBACK` via the applications.
- `COMMIT` will persist the changes in the database.
- `ROLLBACK` will revert the uncommitted changes in the database.
- We typically rollback the uncommitted changes in a transaction if there is any exception as part of the application logic flow.
- For example, once the order is placed all the items that are added to shopping cart will be rolled back if the payment using credit card fails.
- By default every operation is typically committed in Postgres. We will get into the details related to transaction as part of application development later.
- Commands such as `COMMIT`, `ROLLBACK` typically comes under TCL (Transaction Control Language)

By Durga Gadiraju