**Date:** 18- Sep-2020

**What is meant by Transaction?**

It is process which all of the data modifications was successfully updated to the Database. The Process includes Committing Transactions and Rollback the process.

If a Transaction encounters errors, we can able to rollback the transactions

**Why We Need dbContext?**

It represents a session with the database which can be used to query and save instances of our entities to a database.

**DbContext** is a combination of unit of work and repository patterns.

**Why we need Entity Framework?**

It is an ORM and ORM are aimed to increase the developer’s productivity by reducing the redundant task of persisting data used in the applications.

**Entity Framework** can generate the necessary database commands for reading or writing data in the database and execute them for you.

**What is the Purpose of ORM?**

An Object – Oriented relational mapper **(ORM)**  is a code library that automates the transfer of data in relational database tables into objects that are commonly used in application code.

**What is meant by Relational DataBase?**

It organizes data into tables which can be linked – or related – based on data common to each. It stores data in Structured Format As Rows and Columns. The Term “**Relational”** Means tables are related to each other.

**Why ORM?**

ORMs help to reduce the **Object-**Relational impedance mismatch. They allow you to store and retrieve full live **objects** from a relational database without doing a lot of parsing/Serialization self.

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