**Add Constraints in database**

|  |
| --- |
| ALTER TABLE Product ADD CONSTRAINT DF\_Product\_EntryDate  DEFAULT GETDATE() FOR EntryDate;  ALTER TABLE Product ADD CONSTRAINT DF\_Product\_CurrentStock  DEFAULT 0 FOR CurrentStock; |

**Acid Properties**

Atomicity guarantees that the transaction completes in an all-or-nothing manner.

Consistency ensures the change to data written to the database must be valid and follow predefined rules.

Isolation determines how transaction integrity is visible to other transactions.

Durability makes sure that transactions that have been committed will be stored in the database permanently.