Real Estate Automation Database

# Constraints Details

## List of Primary Keys:

|  |  |
| --- | --- |
| Entity | Attribute |
| Booking | Book\_ID |
| User | User\_ID |
| Customer | Cust\_ID |
| Transaction | Trans\_ID |
| Employee | Emp\_ID |
| Department | Dept\_ID |
| Agent | Agent\_ID |
| Property | Prop\_ID |

## Participation Constraints:

### Every department will have at least one employee and manager.

## Cardinality Constraints:

### Many Customer can perform many Transactions.

### Many Agent can deal in many Property.

### There can be just one Booking for one Property.

### Many Employees can have many Beneficiaries.

## Referential Integrity Constraints:

### Customer table will have an attribute that will refer to Prop\_ID of Property Table.

### Administrator table will have an attribute that will refer to User\_ID of User Table.

### Employee table will have an attribute that will refer to User\_ID of User Table.

### Employee table will have an attribute that will refer to Dept\_ID of Department Table.

## ER-Diagram Final Version:

Same image can be found in the ERD Image folder, in order to have the clear and precise view of the same.

