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**Table and Attribute Summaries Version.3**

**Table Assistant:** This table stores the assistant's unique id, their name, and how long they worked for.

Table Summary

|  |  |
| --- | --- |
| **Table** | Assistant |
| **ER Origin** | Assistant |
| **PK** | AssistID |
| **FK** | None |
| **Unique Constraint** | None |

Attribute Summary

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Range** | **Req/Opt** | **Derived/Stored** |
| AssistID | INTEGER |  | REQ | Stored |
| Name | VARCHAR(1000) | Not empty | REQ | Stored |
| HoursWorked | INTEGER | > 0 | REQ | Stored |

**Table Groomer:** This table stores the groomer's unique id, their name, and how long they worked for.

Table Summary

|  |  |
| --- | --- |
| **Table** | Groomer |
| **ER Origin** | Groomer |
| **PK** | GroomID |
| **FK** | None |
| **Unique Constraint** | None |

Attribute Summary

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Range** | **Req/Opt** | **Derived/Stored** |
| GroomID | INTEGER |  | REQ | Stored |
| Name | VARCHAR(1000) | Not empty | REQ | Stored |
| HoursWorked | INTEGER | > 0 | REQ | Stored |

**Table Customer:** This table stores the customer’s id and name. It will also store their address information. The date of when the Customer’s appointment was is stored as well, however, it’s not required.

Table Summary

|  |  |
| --- | --- |
| **Table** | Customer |
| **ER Origin** | Customer |
| **PK** | ID |
| **FK** | None |
| **Unique Constraint** | None |

Attribute Summary

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Range** | **Req/Opt** | **Derived/Stored** |
| ID | INTEGER |  | REQ | Stored |
| Name | VARCHAR(1000) | Not empty | REQ | Stored |
| Street | VARCHAR(1000) | Not empty | REQ | Stored |
| City | VARCHAR(1000) | Not empty | REQ | Stored |
| Zip | VARCHAR(10) | Not empty | REQ | Stored |
| State | VARCHAR(1000) | Not empty | REQ | Stored |
| DateOfService | DATE |  | OPT | Stored |

**Table Pet:** This table is obvious.

Table Summary

|  |  |
| --- | --- |
| **Table** | Pet |
| **ER Origin** | Pet |
| **PK** | AniID |
| **FK** | None |
| **Unique Constraint** | None |

Attribute Summary

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Range** | **Req/Opt** | **Derived/Stored** |
| AniID | INTEGER |  | REQ | Stored |
| AnimalName | VARCHAR(1000) | Not empty | REQ | Stored |
| RabiesDone | BOOLEAN |  | REQ | Stored |

**Table Visit:** This table stores information given by the groomer(s) to record the procedure(s) done during the appointment to calculate the total cost of the appointment. The groomer's id, the assistant’s id, the time of when the appointment started and ended, and the total cost of the appointment. This is a relationship instance connected by customer and groomer.

Table Summary

|  |  |
| --- | --- |
| **Table** | Visit |
| **ER Origin** | Relationship Visit |
| **PK** | GroomID |
| **FK** | GroomID references Groomer.GroomID |
|  | AssistID references Assistant.AssistID |
| **Unique Constraint** | None |

Attribute Summary

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Range** | **Req/Opt** | **Derived/Stored** |
| GroomID | INTEGER |  | REQ | Stored |
| AssistID | INTEGER |  | OPT | Stored |
| StartOfAppointment | TIMESTAMP |  | REQ | Stored |
| EndOfAppointment | TIMESTAMP | > StartOfAppointment | REQ | Stored |
| Total | INTEGER |  | REQ | Stored |

**Table Visit\_NameOfProcedures**: This table is to record the name of procedures done.

Table Summary

|  |  |
| --- | --- |
| **Table** | Visit\_NameOfProcedures |
| **ER Origin** | Relationship Visit |
| **PK** | GroomID, NameOfProcedure |
| **FK** | GroomID references Groomer.GroomID |
| **Unique Constraint** | None |

Attribute Summary

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Range** | **Req/Opt** | **Derived/Stored** |
| GroomID | INTEGER |  | REQ | Stored |
| NameOfProcedure | VARCHAR(100) | Not empty | REQ | Stored |

**Table Visit\_CostOfProcedures**: This table is to record the cost of procedures done.

Table Summary

|  |  |
| --- | --- |
| **Table** | Visit\_CostOfProcedures |
| **ER Origin** | Relationship Visit |
| **PK** | GroomID, CostOfProcedure |
| **FK** | GroomID references Groomer.GroomID |
| **Unique Constraint** | None |

Attribute Summary

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Range** | **Req/Opt** | **Derived/Stored** |
| GroomID | INTEGER |  | REQ | Stored |
| CostOfProcedure | VARCHAR(100) | Not empty | REQ | Stored |

Change Summary

* Version 3:
  + Changed all Bill to Visit
  + Moved *Street, City, Zip, DateOfService* from old Visit to Customer
  + Added *StartOfAppointment, GroomID, AssistID,* and *EndOfAppointment* to Visit
  + Added *GroomID* to Visit\_NameOfProcedure and Visit\_CostOfProcedure
  + Removed *AniID* from Visit\_NameOfProcedure and Visit\_CostOfProcedure
  + Removed *StartOfAppointment* and *EndOfAppointment* from both Groomer and Assistant
  + Added ranges to various of attributes
  + Added *State* to Customer
* Version 2:
  + Removed: Register
  + Added *RabiesDone* to Pet
  + Added *TimeIn* and *TimeOut* to Bill