**Data Dictionary**

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| --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Data Type | Size | Key(Prima ry or  Foreign) | FK  reference | Constraints | Description |
| cust\_id | serial |  | Primary Key |  | Not Null |  |
| cust\_fname | varchar | 40 |  |  | Not Null |  |
| cust\_lname | varchar | 40 |  |  | Not Null |  |

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| --- | --- | --- | --- | --- | --- | --- |
| cust\_HomeEmail | varchar | 100 |  |  | Not Null, Unique | This email is the customer's home email address. |
| cust\_number | varchar | 15 |  |  | Not Null | This email is the customer’s home phone number. |
| cust\_town | varchar | 15 |  |  | Not Null |  |
| cust\_postcode | char | 8 |  |  | Not Null |  |
| cust\_country | varchar | 20 |  |  | Not Null |  |

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| Attribute Name | Data Type | Size | Key (Primar y or  Foreign) | FK  reference | Constraints | Description |
| instruction\_id | serial |  | Primary Key |  | Not Null |  |
| pet\_id | int |  | Foreign Key | pets.pet id | Not Null |  |
| food\_id | int |  | Foreign Key | food.food\_ id | Not Null |  |
| times\_feed | int |  |  |  | Not Null | Amount of times the customer requests for its pet to be fed. |

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| Attribute Name | Data Type | Size | Key(Primar y or  Foreign) | FK  reference | Constraints | Description |
| booking\_id | serial |  | Primary Key |  | Not Null |  |
| pet\_id | int |  | Foreign Key | pets.pet\_id | Not Null |  |

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| --- | --- | --- | --- | --- | --- | --- |
| staff\_id | int |  | Foreign Key | staff.staff\_i d | Not Null | This is the staff that is responsible for signing the pet in. |
| dateOfBookin g | date |  |  |  | Not Null |  |
| dateOfLeaving | date |  |  |  | Null |  |
| emailForBooki ng | varchar(10 0) |  |  |  | Null | This is the work email, it was used by the customer to make the booking. |
| numberForBo oking | text |  |  |  | Null | This is the work number, it was used by the customer to make the booking. |

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| --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Data Type | Size | Key(Primar y or  Foreign) | FK reference | Constraints | Description |
| pet\_id | serial |  | Primary Key |  | Not Null |  |
| cust\_id | int |  | Foreign Key | customer.cu st\_id | Not Null |  |
| pet\_name | varchar | 40 |  |  | Not Null |  |
| pet\_colour | varchar | 40 |  |  | Not Null |  |
| microchip | varchar | 20 |  |  | Not Null | Microchip id for the pet. |
| allergies | varchar | 150 |  |  | Not Null | Any known allergies of the pet, to be provided by the customer. |

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| --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Data Type | Size | Key(Primar y or  Foreign) | FK  reference | Constraints | Description |
| staff\_id | serial |  | Primary Key |  | Not Null |  |
| staff\_usernam | varchar | 80 |  |  | Not Null, |  |

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| e |  |  |  |  | Unique |  |
| staff\_fname | varchar | 40 |  |  | Not Null |  |
| staff\_lname | varchar | 40 |  |  | Not Null |  |
| staff\_email | varchar | 100 |  |  | Not Null |  |
| staff\_dob | date |  |  |  | Not Null |  |
| staff\_role | varchar | 15 |  |  | Not Null |  |
| staff\_town | varchar | 15 |  |  | Not Null |  |
| staff\_postcode | char | 8 |  |  | Not Null |  |
| staff\_country | varchar | 15 |  |  | Not Null |  |

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| --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Data Type | Size | Key(Primar y or  Foreign) | FK  reference | Constraints | Description |
| flea\_id | serial |  | Primary Key |  | Not Null |  |
| pet\_id | int |  | Foreign Key | pets.pet\_id | Not Null |  |
| fleaShot\_statu s | bit |  |  |  | Not Null | True or false if the shot has been taken or not |
| flea\_type | varchar | 100 |  |  | Not Null | Type of flea shot taken by the dog. |
| flea\_date | date |  |  |  | Not Null |  |

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| --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Data Type | Size | Key(Primar y or  Foreign) | FK  reference | Constraints | Description |
| food\_id | serial |  | Primary Key |  | Not Null |  |
| food\_type | varchar | 100 |  |  | Not Null |  |

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| --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Data Type | Size | Key(Primar y or  Foreign) | FK  reference | Constraints | Description |
| kennelType\_id | serial |  | Primary Key |  | Not Null |  |
| k\_type | varchar | 15 |  |  | Not Null |  |

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| --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Data Type | Size | Key(Primar y or  Foreign) | FK  reference | Constraints | Description |
| vetDetails\_id | serial |  | Primary Key |  | Not Null |  |
| vet\_fname | varchar | 40 |  |  |  |  |
| vet\_lname | varchar | 40 |  |  | Not Null |  |
| vet\_email | varchar | 100 |  |  | Not Null |  |
| vet\_number | text |  |  |  | Not Null |  |
| company\_nam e | varchar | 100 |  |  | Not Null |  |
| vet\_town | varchar | 15 |  |  | Not Null |  |
| vet\_postcode | char | 8 |  |  | Not Null |  |
| vet\_country | varchar | 20 |  |  | Not Null |  |

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| --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Data Type | Size | Key(Primar y or  Foreign) | FK  reference | Constraints | Description |
| vac\_id | serial |  | Primary Key |  | Not Null |  |
| pet\_id | int |  | Foreign Key | pets.pet\_id | Not Null |  |
| vetDetails\_id | int |  | Foreign Key | vet\_details  .vetDetails  \_id | Not Null |  |

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| --- | --- | --- | --- | --- | --- | --- |
| vac\_status | bit |  |  |  | Not Null | If the pet has been vaccinated or not. |
| vac\_date | date |  |  |  | Not Null | Date of the vaccination (must be 12 months before the start day of the stay). |

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| --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Data Type | Size | Key(Primar y or  Foreign) | FK  reference | Constraints | Description |
| vac\_id | serial |  | Primary Key |  | Not Null |  |
| pet\_id | int |  | Foreign Key | pet.pet\_id | Not Null |  |
| vetDetails\_id | int |  | Foreign Key | vet\_details  .vetDetails  \_id | Not Null |  |
| vac\_status | bit |  |  |  | Not Null | Vaccination status of the pet. |
| vac\_date | date |  |  |  | Not Null |  |

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| --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Data Type | Size | Key(Primar y or  Foreign) | FK  reference | Constraints | Description |
| kennel\_id | serial |  | Primary Key |  | Not Null |  |
| kennelType\_id | int |  | Foreign Key | kennel\_typ e.kennelTy pe\_id | Not Null |  |
| pet\_id | int |  | Foreign Key | pet.pet\_id | Not Null |  |

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| --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Data Type | Size | Key(Primar | FK | Constraints | Description |

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| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | y or  Foreign) | reference |  |  |
| staff\_id | int |  | Primary Key/Foreig n Key | staff.staff\_i d | Not Null |  |
| jobs\_id | int |  | Primary Key/Foreig n Key | jobs.jobs\_i d | Not Null |  |
| week\_day | varchar | 15 |  |  | Not Null |  |
| work\_date | date |  |  |  | Not Null |  |
| starts\_at | date |  |  |  | Not Null | Start of the shift of the day for the staff. |
| ends\_at | date |  |  |  | Not Null | End of the shift of the day for the staff. |

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| --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Data Type | Size | Key(Primar y or  Foreign) | FK  reference | Constraints | Description |
| jobs\_id | serial |  | Primary Key |  | Not Null |  |
| job\_title | varchar | 50 |  |  | Not Null | Title of the job. |
| job\_description | varchar | 50 |  |  | Not Null | Description of what the job entails. |