**Data dictionary representing all tables (Conceptual)**

|  |  |  |
| --- | --- | --- |
| **Schema Construct** | **Construct Description** | **Other Information** |
| **Accounts** | **Entity class, models accounts by Ubereats users** |  |
| **Acct\_num** | **Creates a unique identifier for every account holder** | **Identifier attribute (PK)** |
| **Phone\_num** | **Phone number that is associated to the account** | **Attribute** |
| **DOB** | **Date of Birth for Account User** | **Attribute** |
| **Emails** | **Use for confirmation of orders/payments. An account can have many emails.** | **Multi-valued attribute** |
| **Name** | **Is a composite attribute for F\_name and L\_name** | **Composite Attribute** |
| **Fname** | **First name pertaining to an account holder** | **Part of name** |
| **Lname** | **Last name name pertaining to an account holder** | **Part of name** |
| **password** | **Password linked to an account** | **Attribute** |
| **Availability\_Time** | **Aggregate entity class** |  |
| **Type** | **Each availability of time has a Type that corresponds to a time** | **Primary key** |
| **Time\_Stamp** | **Time stamp for the availability** | **Attribute** |
| **Buildings** | **Entity class, models the building of uber employees** |  |
| **BuildingID** | **Each uber building contains identification number** | **Primary Identifier** |
| **Location (Address)** | **Location is comprised of a street name, city, state, zip code** | **Composite Attribute** |
| **Street** | **Only one street name** | **Part of location** |
| **City** | **Only one city** | **Part of location** |
| **State** | **Only one state** | **Part of location** |
| **Zipcode** | **Only one zip code** | **Part of location** |
| **Call\_Center** | **Entity class, contains issues reported** |  |
| **Issue\_num** | **Unique issue number** | **Identifier attribute (PK)** |
| **Phone\_num\_used** | **Recorded phone number used by the caller** | **Attribute** |
| **Issue\_type** | **Recorded what type of issue the caller was calling about** | **Attribute** |
| **Issue\_detail** | **Description of issue** | **Attribute** |
| **Record** | **Is the composite attribute of start\_time and end\_time** | **Composite, multi-valued attribute** |
| **start\_time** | **Start of the phone call to the Call Center** | **Attribute** |
| **end\_time** | **End of the phone call to the Call Center** | **Attribute** |
| **Status** | **To see if the issue was resolved or not solved** | **Attribute** |
| **C-Level\_Staff** | **Sub-class, corporate-level employees** | **Subclass of Uber Employees** |
| **C\_Designation** | **Designation of a corporate level staff (i.e. CEO, CFO, CIO, etc.)** | **attribute** |
| **Customer** | **Subclass under accounts modeling customer accounts** | **Subclass under accounts** |
| **Billing Address** | **Billing Address is comprised of a street name, city, state, zip code** | **Composite attribute** |
| **Street** | **Only one street name** | **Part of billing location** |
| **City** | **Only one city** | **Part of billing location** |
| **State** | **Only one state** | **Part of billing location** |
| **Zip code** | **Only one zip code** | **Part of billing location** |
| **Customer\_lvl** | **Customer level increases when they spend certain amount of money** | **Attribute** |
| **Ubereats\_Pass** | **Monthly subscription offering discounts** | **Attribute** |
| **Delivery Location** | **Deliver location is comprised of a street name, city, state, zip code** | **Composite and multi valued Attribute** |
| **Street** | **Only one street name** | **Part of deliver location** |
| **City** | **Only one city** | **Part of deliver location** |
| **State** | **Only one state** | **Part of deliver location** |
| **Zip\_code** | **Only one zip code** | **Part of deliver location** |
| **Deliver Location History** | **Weak-entity class under order Containing the history of addresses used for delivery** | **Weak-entity class** |
| **Street** | **Only one street name** | **attribute** |
| **City** | **Only one city** | **attribute** |
| **State** | **Only one state** | **attribute** |
| **Zipcode** | **Only one zip code** | **attribute** |
| **Delivery** | **subclass to order, where drivers pick up order and deliver to customer** | **Subclass under order** |
| **Dining-in** | **Subclass to order, required when the customer chooses to dine-in** | **Subclass under orders** |
| **DRIVERS** | **Entity class, models drivers for Uber** | **Subclass of Accounts** |
| **Valid\_Status** | **Composite attribute for requirements to drive for Uber Eats.** | **Composite Attribute** |
| **Background\_check** | **Valid status (y/n) for Background check** | **Part of valid status** |
| **Driver’s\_License** | **Valid status (y/n) for Driver’s License** | **Part of valid status** |
| **Profile\_photo** | **Valid status (y/n) for Profile photo** | **Part of valid status** |
| **SSN** | **SSN of driver** | **attribute** |
| **Wallet** | **Current balance for the driver** | **Attribute** |
| **Total\_Earnings** | **All the amount that the driver earned** | **Derived Attribute** |
| **Discount** | **Entity class** |  |
| **Disc\_num** | **Uniquely identifies a discount code** | **Identifier attribute (PK)** |
| **Disc\_percent** | **Determine discount in terms of percentage, which can be applied to a customer order** | **attribute** |
| **Period** | **Time the discount is valid** | **attribute** |
| **Region** | **Effective region** | **attribute** |
| **Earning\_History** | **Weak-entity class under drivers** | **Weak-entity class** |
| **Amt\_Earned** | **Records amount earned for every period** | **attribute** |
| **Earning\_Time** | **Record how long the driver have worked** | **attribute** |
| **Period** | **Records the time period for amount earned** | **Partial Identifier** |
| **Menu\_Items** | **Entity class, list of items available to order** |  |
| **Item#** | **Distinct number assigned to each menu item** | **Primary identifier** |
| **Allergens** | **Identifies ingredients that contain common food allergens** | **Attribute** |
| **Category** | **Type of cuisine** | **Attribute** |
| **Item Name** | **Name of each menu item** | **Attribute** |
| **Price** | **Price before tax and surcharges** | **Attribute** |
| **Office\_Staff** | **Sub-class, Office employees** | **Subclass of Uber Employees** |
| **Order** | **Superclass** | **Super class** |
| **Order#** | **Unique identifier assigned to each order** | **Primary identifier** |
| **Order Time** | **System generated time-stamp of the time the order was successfully processed** | **Derived attribute** |
| **Status** | **Indicates whether the order was processed successfully** | **Attribute**  **Can be Y/N only** |
| **Coupon** | **Indicates any discounts offered to orders** | **Attribute** |
| **Delivery\_time** | **System generated time-stamp of the time the order should be ready** | **Derived attribute** |
| **Order\_Details** | **Entity class, contains information about the order** |  |
| **Quantity** | **Number of individual items contained in the order** | **Attribute** |
| **Notes** | **Any Additional information the customer wants the shop to know** | **Attribute** |
| **Payment** | **Entity class, models the desired payment method of Entity class Customers** |  |
| **Pmt ID** | **Creates unique identifier for every payment method used** | **Identifier attribute (PK)** |
| **Pmt Time** | **Displays time the payment occurred** | **Regular attribute** |
| **Process Fee Earned** | **Fee earned by uber** | **Composite attribute** |
| **Pay Method** | **Method the customer paid** | **attribute** |
| **Amt Paid** | **Amount paid** | **attribute** |
| **Pick-up** | **Subclass to order, determining the customer will pick their own order** | **Subclass under order** |
| **Rating** | **Weak entity class of order Containing rating data** | **Weak entity class under order** |
| **description** | **Description of the rating** | **attribute** |
| **rating** | **Rating is between 0-5 stars** | **attribute** |
| **R&D\_Team** | **Composite class containing projects, team name, and team number** | **Composite class** |
| **Team#** | **Team number** | **Identifier attribute (PK)** |
| **Projects** | **Projects is composed of a projectID and Project Name.** | **Composite attribute** |
| **Project ID** | **ID for each project** | **Unique Attribute** |
| **Project Name** | **Name given for each project** | **attribute** |
| **Team Name** | **Name of the team** | **attribute** |
| **Shop** | **Entity class, models the shops listed on the app** |  |
| **Shop\_ID** | **Creates unique identifier for every shop listed on the app** | **Identifier attribute (PK)** |
| **S\_Location**  **(Address)** | **Location is comprised of a street number and name, city, state, zip code** | **Composite Attribute** |
| **Street** | **Only one street number and name** | **Part of location** |
| **City** | **Only one city** | **Part of location** |
| **State** | **Only one state** | **Part of location** |
| **Zip\_code** | **Only one zip code** | **Part of location** |
| **Shop\_Name** | **The name of the listed shop** | **Regular attribute** |
| **Tax** | **Entity class, models tax implications of order** |  |
| **Zip** | **Creates unique identifier for tax implication on a per zip code basis** | **Identifier attribute (PK)** |
| **Tax** | **Amount of tax levied on an order** | **Regular attribute** |
| **Tech\_Staff** | **Sub-class, employees that handle computer/technical operations** | **Sub-class to Uber Employees** |
| **Uber\_Employees** | **Entity class, models Ubers’ employees** |  |
| **Employee#** | **Creates unique identifier for every Uber employee** | **Identifier attribute (PK)** |
| **Date\_started** | **Date employee began working** | **Attribute** |
| **Name** | **Is a composite attribute for F\_name and L\_name** | **Composite Attribute** |
| **F\_name** | **First name pertaining to an account holder** | **Part of name** |
| **L\_name** | **Last name name pertaining to an account holder** | **Part of name** |
| **Pay** | **Amount of yearly pay the employee receives** | **Attribute** |
| **SSN** | **Social Security Number of Employee** | **attribute** |
| **Vehicle** | **Entity class, models the vehicles that a driver utilizes** |  |
| **Vin\_Num** | **Creates unique identifier for every vehicle a driver uses to deliver orders** | **Identifier attribute (PK)** |
| **Inspection** | **Lists the latest inspection status of the vehicles a driver uses** | **Part of Valid Status** |
| **Registration** | **Lists the relevant vehicle registrations of the vehicles a driver uses** | **Part of Valid Status** |
| **Insurance** | **Lists the insurance documentation of the vehicles a driver uses** | **Part of Valid Status** |

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| **Wallet** | **Weak entity class under Customer. Wallet represents possible payment methods for customers** |  |
| **Wallet ID** | **Wallet ID assignment for all customers** | **Partial identifier** |
| **Gift card** | **Customers can have multiple gift cards on file** | **Part of Wallet / multi-value attribute** |
| **Uber Credit** | **Customers could have uber credit on file** | **Attribute** |
| **Venmo** | **Customer can have only one account link on file** | **Part of Wallet** |
| **Card** | **Card consists of card num, expiry date, and security code.** | **Multi-valued and composite attribute** |
| **Card Num** | **The credit card number** | **Attribute** |
| **Expiry Date** | **When the credit card expires** | **Attribute** |
| **Security Code** | **The code found on the back or front of credit cards** | **Attribute** |
| **Paypal** | **Customer can have only one account link in file** | **Part of Wallet** |

**Data Dictionary (Relational)**

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| Schema Construct | Construct Description | Other Information/Constraint |
| **Accounts** | Relation representing the entity class Accounts | |
| Acct\_num | number(15) | Primary Key |
| DOB | Date | Date YYYY-MM-DD |
| Fname | varchar(20) | Cannot be null |
| Lname | varchar(30) | Cannot be null |
| Password | varchar(25) | Cannot be null |
| phone\_num | varchar(11) | N/A |

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| **Acct\_Emails** | Relation representing the multi-valued attribute email | |
| Acct\_num | number(15) | Primary Key |
| Email | varchar(30) | Primary Key |
| Acct\_num | number(15) | Foreign Key references Accounts |

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| **Availability Time** | Relation representing the aggregate class availability time | |
| Type | number(9) | Primary Key |
| Time\_stamp | varchar(6) | Cannot be null |

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| **Buildings** | Relation representing the entity class Buildings | |
| Buildings\_ID | number(5) | Primary Key |
| Street | varchar(20) | N/A |
| City | varchar(10) | N/A |
| State | varchar(3) | N/A |
| zipcode | varchar(10) | N/A |

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| --- | --- | --- |
| **Call\_Center** | Relation representing the entity class Call Center | |
| Issue\_Num | number(5) | Primary Key |
| phonenum\_used | varchar(11) | Can not be null |
| Issue\_Type | varchar(3) | N/A |
| start\_at | varchar(10) | Can not be null |
| end\_at | varchar(10) | Can not be null |
| Issue\_Detail | varchar(50) | N/Al |
| Date | char(8) | YYYY-MM-DD format |
| Status | varchar(6) | Cannot be null |

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| **Can fulfill** | Relationship representing the relation Can fulfill | |
| Shop\_ID | char(15) | Foreign Key referencing the shop that an order could be fulfilled by |
| Item # | char(15) | Foreign Key referencing the item number belonging to a given shop |

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| **Uber\_Employees\_CLevel** | Relation representing the entity subclass C-level | |
| employeeID | number (6) | Primary key, foreign key references Uber\_Employees(EmployeeID) |
| Designation | varchar(15) | N/A |

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| **Contain** | Relationship representing the relation Contain | |
| Order\_Num | char(15) | Foreign Key that references order number under an order that contains a specific delivery address |

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| **Customer** | Relation representing the entity subclass Customer | |
| Acct\_num | number(15) | Primary key |
| B\_street | varchar(35) | Not Null |
| B\_city | varchar(15) | Not Null |
| B\_state | char(2) | Not Null |
| B\_zipcode | varchar(10) | Not Null |
| Customer\_Lvl | number(1) | Y or N |
| Ubereats\_Pass | char(1) | Y or N |
| **Wallet** | Relation representing Weak Entity Class Wallet | |
| acct\_num | number(15) | Primary key |
| Wallet\_ID | char(8) | Partial Identifier |
| Gift\_card | varchar(50) | Can be null |
| Uber\_Credit | varchar(50) | Can be null |
| Venmo | varchar(50) | Can be null |
| Paypal | varchar(50) | Can be null |

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| **Customer\_Delivery\_Location** | Relation representing the composite attribute delivery location | |
| Acct\_number | number(15) | Primary Key, Foreign Key references (acct\_num) in Accounts(acct\_num) |
| D\_street | varchar(35) | Not Null |
| D\_city | varchar(15) | Not Null |
| D\_state | char(2) | Not Null |
| D\_zipcode | varchar(10) | Not Null |

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| --- | --- | --- |
| **Card** | Relation representing Card |  |
| Acct\_num | char(15) | Primary key, Foreign key from accounts(acct\_num) |
| Card\_num | number(12) | Can not be null |
| Exp\_date | char(5) | Can not be null |
| Security\_code | char(3) | Can not be null |

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| **Create & Edit** | Relation representing relationship between Shop\_Manager and Menu\_Items | |
| Shop\_ID | char(15) | Foreign Key that references shop id in shops |
| Acct\_number | char(15) | Foreign Key, references account number in accounts |

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| **Discount** | Relation representing the entity class Discount | |
| Disc\_num | char(8) | Primary Key |
| Disc\_percent | number(4,2) | Has to be in percentage |
| Period | varchar(10) | N/A |
| Region | varchar(10) | N/A |

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| **Delivery** | Relation representing the entity subclass Deliver | |
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| **Delivery\_**  **Address** | Relation representing the weak entity class Delivery Location History | |
| Order\_num | number(15) | Not null |
| Street | varchar(40) | Not null |
| City | varchar(30) | Not null |
| State | char(3) | Not null |
| Zipcode | number(9) | Not null |

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| **Drive** | Relation representing the relation Drive. Drive described the relationship between Drivers and Vehicles. | |
| Acct\_number | char(15) | Primary Key, Foreign Key, references account number in accounts, which belongs to a driver |
| Vin\_Num | char(17) | Primary Key, Foreign Key, references the vehicle number for a given vehicle belonging to a certain driver |

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| **Drivers** | Relation representing the entity subclass Driver | |
| acct\_num | number(15) | Primary key, foreign key (acct\_num) references Accounts(acct\_num) |
| Total\_Earnings | number(9) | N/A |
| SSN | varchar(11) | Unique |
| Profile\_Photo | char(1) | Yes/No binary  Can not be null |
| Background\_Check | char(1) | Yes/No binary  Can not be null |
| Drivers\_License | char(1) | Yes/No binary  Can not be null |

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| **Earning\_**  **History** | Relation representing the weak entity class Earning History | |
| acct\_num | number(15) | Primary key references Accounts(acct\_num) |
| Amt\_paid | number(15) | Can be null |
| Period | varchar(20) | Partial Identifier  Cannot be null |

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| --- | --- | --- |
| **Hire** | Relation representing relationship Hire | |
| Shop\_ID | char(15) | Foreign Key that references shop id in shops |
| Acct\_number | char(15) | Foreign Key, references account number in accounts |

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| **Fulfill** | Relation representing relationship Fulfill | |
| Shop\_ID | char(15) | Foreign Key that references shop id in shops |
| Order\_Num | char(15) | Foreign Key that references order number under an order |

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| **From** | Relation representing relationship Fulfill | |
| Item\_num | char(15) | Foreign key that references menu item # with menu items |
| Type | varchar(9) | Foreign key that references availability time type |

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| **Refers** | Relationship representing the relation References | |
| Acct\_number | char(15) | Foreign Key, references Account number under a driver’s account |
| Acct\_numberid | char(15) | Foreign Key, references Account number under driver’s account |

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| **Sorted by** | Relationship representing the relation Sorted by | |
| Shop\_ID | char(15) | Foreign Key, references shop id belonging to a certain shop |
| Zip\_Code | char(5) | Foreign Key, references zip code belonging to a shop |

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| **May apply** | Relationship representing the relation May have | |
| Discount # | char(10) | Foreign Key that references the discount number for a given order |
| Order\_Num | char(15) | Foreign Key that references order number under an order |

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| **May have** | Relationship representing the relation May have | |
| Order\_Num | char(15) | Foreign Key that references order number under an order |

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| **Menu\_Item** | Relation representing the entity class Menu Item | |
| Item\_Num | number(15) | Primary Key |
| Item\_Name | varchar(50) | Cannot be null |
| Allergens | varchar(25) | Cannot be null |
| Price | varchar(25) | Cannot be null |
| Category | varchar(25) | Cannot be null |
| shopID | number(15) | Foreign key (shopID)references shops(ShopID) |
| type | number(9) | Foreign key (type) references Availability\_Time(type) |

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| --- | --- | --- |
| **Monitor** | Relationship representing the relation Receives Calls | |
| Acct\_number | number(15) | Primary key, Foreign Key, references accounts(acct\_num) |
| Employee\_ID | number(6) | Primary key, Foreign Key, references Uber\_Employees\_Office(EmployeeID) |

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| **Uber\_Employees\_Office** | Relation representing the entity subclass Office Staff | |
| employeeID | number(6) | Primary key, foreign key references Uber\_Employees(EmployeeID) |

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| **Uber\_Emp\_Office\_Lang** | Relation representing the multi-valued attribute Languages | |
| employeeID | number(6) | Primary key, foreign key references Uber\_Employees(EmployeeID) |
| Languages | varchar(15) | N/A |

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| **Orders** | Relation representing the entity class Order | |
| Order\_Num | number(15) | Primary Key |
| Acct\_num | number(15) | Foreign Key references Accounts |
| ShopID | number(15) | Foreign Key to Shops |
| Order\_Time | DATE | Derived based on the order |
| Status | char(7) | Derived  Cannot be null |
| Coupon | varchar(20) | Can be null |
| Delivery\_time | DATETIME | Derived  24-hour clock format |
| Is\_Delivery | char(3) | Can be null  (trigger) |
| Is\_pickup | char(3) | Can be null  (trigger) |
| Is\_dinein | char(3) | Can be null  (trigger) |

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| **Order\_Details** | Relation representing the weak entity class Order Details | |
| Order\_num | number(15) | Primary key |
| Item\_num | number(15) | Foreign key item\_num references Menu\_Item(item\_num) |
| Quantity | number(3) | Not null |
| Notes | varchar(90) | Can be null |

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| **Payment** | Relation representing the entity class Payment | |
| Pmt\_ID | char(15) | Primary Key |
| ·Pmt\_Time | Date | 24-hour clock format |
| ·Process\_fee\_earned | number(15) | $ format |
| Order\_num | char(15) | Foreign Key that references order |

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| **Pay\_Method** | elation representing the entity class Pay\_Method |  |
| Method | varchar(11) | Identifier attribute (PK) |
| Amt\_Paid | number(15) | Can be null |
| Pmt\_id | char(15) | Identifier attribute (PK) &Foreign key (FK)reference payments(Pmt\_ID) |

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| **Pick-up** | Relation representing the entity subclass Pick-up | |
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| **Pick Up & Deliver** | Relation representing the relationship Pick Up & Deliver | |
| Order\_Num | char(15) | Foreign Key that references order number under an order |
| Acct\_number | char(15) | Foreign Key, references Uber Employees’ Employee\_Id |

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| **Place** | Relationship representing the relation References | |
| Acct\_number | number(15) | Foreign Key, references Account number under a driver’s account |
| Order\_Num | char(15) | Foreign Key that references order number under an order |

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| **Process\_Fee** | Relation representing the entity class Discount | |
| Process\_fee\_ID | char(15) | Primary Key |
| Fee\_Earned | varchar(10) | Cannot be null |

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| **Ratings** | Relation representing the weak entity class Rating | |
| Order\_num | number(15) | Primary key, Foreign key (order\_num) references Orders(Order\_num) |
| add\_description | varchar(50) | N/A |
| rating | integer | Check constraint making sure the rating is between 0 and 5. |

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| **R\_DTeam** | Relation representing the Aggregate class R\_DTeam | |
| Team\_ID | number(4) | Primary Key |
| Team\_Name | varchar(20) | Cannot be null |

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| **R\_DTeam\_Projects** | Relation representing the multi-valued attribute projects in the R\_DTeam aggregate class | |
| Team\_ID | number(4) | Primary Key references R\_DTeam(Team\_ID) |
| project\_ID | number(6) | Primary Key |
| project\_Name | varchar(20) | N/A |

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| **Receive Calls** | Relationship representing the relation Receives Calls. | |
| Employee\_ID | number(6) | Primary Key, Foreign Key, references Uber\_Employees\_Office( Employee\_Id) |
| Issue\_Num | number(5) | Primary key, Foreign Key, references issue\_Num within a given call center |

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| **Shops** | Relation representing the entity class Shops | |
| Shop\_ID | Number(15) | Primary Key |
| Shop\_Name | varchar(40) | Cannot be null |
| City | varchar(30) | Cannot be null |
| Street | varchar(40) | Cannot be null |
| City | varchar(50) | Cannot be null |
| States | varchar(30) | Cannot be null |
| Zip\_Code | number(9) | Cannot be null |

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| **Shows $ paid on** | Relation representing the entity class Discount | |
| Pmt\_ID | char(15) | Foreign key referencing the payment id for a certain order |

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| **Shop\_Manager** | Relation representing the entity subclass Shop Manager | |
| Acct\_num | number(15) | Primary Key, Foreign key references Accounts(acct\_num) |
| item\_num | number(15) | Primary Key, Foreign key references Menu\_Item(item\_num) |

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| **R\_DTeamTech** | Relationship representing the comprise of relationship between Uber\_Employees\_Tech & R\_DTeam | |
| Team\_ID | number(4) | Primary Key references R\_DTeam(Team\_ID) |
| Employee\_ID | number(6) | Primary key references Uber\_Employees\_Tech(EmployeeID) |

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| **R\_DTeamOffice** | Relationship representing the comprise of relationship between Uber\_Employees\_Office & R\_DTeam | |
| Team\_ID | number(4) | Primary Key references R\_DTeam(Team\_ID) |
| Employee\_ID | number(6) | Primary key references Uber\_Employees\_Office(EmployeeID) |

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| **Receives Calls** | Relationship representing the relation Receives Calls | |
| Employee\_ID | number(6) | Primary key, Foreign Key references Uber\_Employees(EmployeeID) |
| Issue\_num | number(5) | Primary key, Foreign Key, references Call\_Center(issue\_num) |

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| --- | --- | --- |
| **Recorded** | Relationship representing the relation Recorded | |
| Employee\_ID | char(15) | Foreign Key, references Uber Employees’ Employee\_Id |
| Acct\_number | char(15) | Acct\_number |

|  |  |  |
| --- | --- | --- |
| **Refers** | Relationship representing the relation References | |
| Acct\_number | char(15) | Foreign Key, references Account number under a driver’s account |
| Acct\_numberid | char(15) | Foreign Key, references Account number under driver’s account |

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| --- | --- | --- |
| **Tax** | Relation representing the entity class Discount | |
| Zip | number(5) | Primary Key |
| Tax | varchar(5) | Can be null |

|  |  |  |
| --- | --- | --- |
| **Uber\_Employees\_Tech** | Relation representing the entity subclass Uber\_Employees\_Tech | |
| employeeID | number (6) | Primary key, foreign key references Uber\_Employees(EmployeeID) |
| skills | varchar(15) | N/A |

|  |  |  |
| --- | --- | --- |
| **Uber\_**  **Employees** | Relation representing the entity class Employees | |
| EmployeeID | number(15) | Primary Key |
| SSN | number(9) | Is unique |
| Date\_Started | Date default sysdate | YYYY-MM-DD format |
| Pay | number(8) | Cannot be null |
| fname | varchar(15) | N/A |
| lname | varchar(15) | N/A |
| BuildingID | number(5) | Foreign key BuildingID references Buildings |

|  |  |  |
| --- | --- | --- |
| **Vehicles** | Relation representing the entity class Discount | |
| VIN\_Num | char(17) | Primary Key |
| Registration | char(1) | Yes/No binary |
| Inspection | char(1) | Yes/No binary |
| Insurance | char(1) | Yes/No binary |

|  |  |  |
| --- | --- | --- |
| **Working in** | Relation representing the relation Working in | |
| Buildings\_ID | char(15) | Foreign key referencing the building id for a given building |
| Employee # | char(15) | Foreign key referencing the concerning uber employee |