***Data Dictionary***

Table: **Promotion**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Column Name | Description | Data Type | Size | Format | Key? |
| promoID | Unique sequence identifying the promotion | INT |  | 999999999 | PK |
| promoType | The type of promotion such as Giveaway or Bingo Night | Text | 45 |  |  |
| promoDate | The date the promotion starts | Date |  | YYYY:MM:DD |  |
| promoCost | The cost the company must endure to put the promotion on | Text |  |  |  |

Table: **PromotionDetails**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Column Name | Description | Data Type | Size | Format | Key? |
| promoID | Unique sequence identifying the promotion | INT |  | 999999999 | PK |
| locID | Unique sequence identifying the each location | INT |  | 999999999 | PK |

Table: **Location**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Column Name | Description | Data Type | Size | Format | Key? |
| locID | A unique sequence identifying the location | INT |  | 999999999 | PK |
| locName | The name of the location | Text | 45 |  |  |
| locAdd | The street address of each location | Text | 45 |  |  |
| locCity | The city of each location | Text | 45 |  |  |
| locState | The state of each location | Text | 45 |  |  |
| locZipcode | The zipcode of each location | Text | 45 | 99999 |  |
| locPhone | The phone number to each location | Text | 45 | (999)999-999 |  |

Table: **Employees**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Column Name | Description | Data Type | Size | Format | Key? |
| empID | A unique sequence identifying each employee | INT | 45 | 999999999 | PK |
| empFName | The employee’s first name | Text | 45 |  |  |
| empLName | The employee’s last name | Text | 45 |  |  |
| empPhone | The primary contact phone number for each employee | Text | 45 | (999)999-999 |  |
| empAdd | The street address of each employee | Text | 45 |  |  |
| empCity | The city in which each employee resides | Text | 45 |  |  |
| empState | The state in which each employee resides | Text | 45 |  |  |
| empZipcode | The zipcode of each employee | Text | 45 |  |  |
| empEmail | The primary email address of each employee | Text | 45 |  |  |
| empPos | The position within chick-fil-a of each employee | Text | 45 |  |  |
| locID | A unique sequence identifying each location | INT |  | 999999999 | FK(ref Location) |
| reportsTo | A unique sequence identifying who each employee reports to | INT |  | 999999999 | FK (ref Employees) |

Table: **ShiftDetails**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Column Name | Description | Data Type | Size | Format | Key? |
| shiftID | A unique sequence identifying the type of shift | INT |  | 999999999 | Part of PK |
| empID | A unique sequence identifying the employee | INT |  | 999999999 | Part of PK |
| clockIn | The time the employee clocked into work | time |  | HH:MM:SS |  |
| clockOut | The time the employee clocked out to work | time |  | HH:MM:SS |  |

Table: **Shift**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Column Name | Description | Data Type | Size | Format | Key? |
| shiftID | A unique sequence identifying the type of shift | INT |  | 999999999 | Part of PK |
| shiftDate | The day the shift occurs on | Date |  | YYYY:MM:DD |  |

Table: **Orders**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Column Name | Description | Data Type | Size | Format | Key? |
| orderNumber | A unique sequence used to identify each order | INT |  | 999999999 | PK |
| orderType | The type of order the customer placed | Text | 45 |  |  |
| orderStatus | The status/completion of each order | Text | 45 |  |  |
| empID | A unique sequence identifying the employee | INT |  | 999999999 | FK(ref Employees) |
| custID | A unique sequence identifying the customer | INT |  | 999999999 | FK(ref Customers) |

Table: **OrderDetails**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Column Name | Description | Data Type | Size | Format | Key? |
| orderNumber | A unique sequence used identifying each order placed | INT |  | 999999999 | Part of PK |
| itemID | A unique sequence identifying each menu item | INT |  | 999999999 | Part o PK |
| itemQty | The quantity of each item in each order | INT |  |  |  |
| orderTime | The time at which the order was placed | Text |  | HH:MM:SS |  |

Table: **MenuItem**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Column Name | Description | Data Type | Size | Format | Key? |
| itemID | A unique sequence identifying each item on the menu | INT |  | 999999999 | PK |
| itemName | The name of the menu item | Text | 100 |  |  |
| itemPrice | The price of the menu item to customers | Text | 45 |  |  |
| itemDesc | A short description of the menu item | Text | 100 |  |  |
| itemInStock | The quantity of menu items the location currently has in stock | Numeric |  |  |  |

Table: **MenuItemDetails**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Column Name | Description | Data Type | Size | Format | Key? |
| ingID | A unique sequence identifying the ingredients | INT |  | 999999999 | Part of PK |
| itemID | A unique sequence identifying each item on the menu | INT |  | 999999999 | Part of PK |

Table: **Ingredient**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Column Name | Description | Data Type | Size | Format | Key? |
| ingID | A unique sequence identifying the ingredients | INT |  | 999999999 | Part of PK |
| ingName | The name of the ingredient | Text | 45 |  |  |
| ingPrice | The price to purchase the ingredient | Text | 45 |  |  |
| ingQty | The quantity of ingredients currently in stock | INT |  |  |  |

Table: **Customers**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Column Name | Description | Data Type | Size | Format | Key? |
| custID | A unique sequence identifying the customer | INT |  | 999999999 | PK |
| custFName | The first name of the customer | Text | 45 |  |  |
| custLName | The last name of the customer | Text | 45 |  |  |
| custPhone | The primary phone number associated with the customer | Text | 45 | (999)999-999 |  |
| custAdd | The street address of the customer | Text | 45 |  |  |
| custCity | The city in which the customer resides | Text | 45 |  |  |
| custState | The state in which the customer resides | Text | 45 |  |  |
| custZipcode | The zipcode of the customer | Text | 45 | 99999 |  |
| custEmail | The primary email associated with the customer | Text | 45 |  |  |

Table: **Loyalty**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Column Name | Description | Data Type | Size | Format | Key? |
| loyaltyID | A unique sequence identifying the customer’s loyalty account | INT |  | 999999999 | PK |
| loyaltyStatus | The status of the employee being either member, silver, red, or signature | Text | 45 |  |  |
| loyaltyPoints | The amount of loyalty points that the customer has | INT |  |  |  |
| dateJoin | The date the customer joined the loyalty program | Date |  | YYYY:MM:DD |  |
| custID | A unique sequence identifying the customer | INT |  | 999999999 | FK (ref Customer) |