Database	Klaus_Brewing_DB						
	Attributes	Data Type	Length	PK	FK	Required	Comments
Table - Employee_Title	EmployeeTitle_ID	UUID		☑	☐	☑	
	Employee_ID	Int		☐	☑	☑	
	DepartmentTitle_ID	Int		☐	☑	☑	
	From_Date	Date		☐	☐	☑	
	To_Date	Date		☐	☐	☑	
Table - Employee	Employee_ID	UUID	15	☑	☐	☑	Unique Auto incrementally Id
	Employee_Infromation_ID	Int		☐	☐	☐	
	Department_ID	Varchar	33			☑	First name of employee
	Employee_Title	Varchar	33			☑	Middle name of employee
	From_Date	Date				☑	
	To_Date	Date				☐	
	IsDeleted	Bit				☐	
Table - Employee_Information	Employee_Information_ID	UUID		☑	☐	☑	
	Employee_ID	INT		☐	☑	☑	
	First_Name	Varchar				☑	
	Middle_Initial	Varchar				☑	
	Last_Name	Varchar				☑	
	Last_4_of_SSN	Int				☑	
	DOB	Date				☑	
	Employee_Address	Varchar				☑	
	City	Varchar			☑	☑	
	State	Varchar			☑	☑	
	Zip_Code	Int			☑	☑	
	Country_ID	Int			☑	☑	
	is_Active	BIT				☑	
	is_Deleted	BIT				☐	
Table - Employee_User	Employer_User_ID	UUID		☑		☑	
	Employee_ID	Int			☑	☑	
	User_ID	Int			☑	☑	
Table - Department	Department_ID	UUID		☑	☐	☑	
	Department_Name	VarChar				☑	
	Department_Description	VarChar				☑	
	IsDeleted	Bit				☐	
Table - Depermant_Title	DepartmentTitle_ID	UUID		☑		☑	
	Deparment_ID	Int			☑	☑	

Database	Klaus_Brewing_DB						
	Attributes	*Data Type*	*Length*	*PK*	*FK*	*Required*	*Comments*
	Title_Name	VarChar				☑	
	Title_Description	VarChar				☑	
	Role_ID	UUID		☑		☑	
Table - Roles	Role_Name	VarChar				☑	
	Role_Description	VarChar				☑	
	Permission_ID	UUID		☑		☑	
Table - Permission	Role_ID	Int			☑	☑	
	Permission_Name	VarChar				☑	
	IsDeleted	BIT				☐	
	Customer_ID	UUID	15	☑	☐	☐	Unique Auto incrementally Id
Table - Loyalty_Program	Reward_ID	Char	10			☑	Number of total loyalty points
	User_Revision_ID	UUID		☑		☑	
	Revision_ID	Int			☑	☑	
User_Revision	User_ID	Int			☐	☑	
	Date	Date				☑	
	IsDeleted	BIT				☐	
	Revision_ID	UUID		☑		☑	
Table - Revision	Revision Name	VarChar		☐		☑	
	Revision Description	VarChar		☐		☑	
	User_ID	UUID		☑		☑	
	Role_ID	Int			☑	☑	
Table - User	Username	VarChar				☑	
	Created_Date	Date				☑	
	IsDeleted	BIT				☐	
	Customer_User_ID	UUID		☑		☐	
	Customer_ID	Int			☑	☐	
Table - Customer_User	User_ID	Int			☑	☐	
	Customer_Profile_ID	Int			☑	☐	
	IsDeleted	BIT				☐	
	Customer_ID	UUID	15	☑	☐	☑	Unique Auto incrementally Id
	Customer_First	Varchar	33			☑	name of customer
	Customer_Last	Varchar	45			☑	Unique email of a customer

Database	Attributes	Data Type	Length	PK	FK	Required	Comments
Klaus_Brewing_DB							
Table - Customer_Information	**Customer_DOB**	Date	10			☑	Amount of money customer has spent
	Customer_Email	Varchar				☑	
	Customer_Phone	Int				☑	
	Customer_Address	Varchar				☑	
	City_ID	Int			☑	☑	
	State_ID	Int			☑	☑	
	ZipCode_ID	Int			☑	☑	
	Country_ID	Int			☑	☑	
	isDeleted	BIT				☐	
	Customer_Profile_ID	UUID		☑	☐	☑	
	Customer_User_ID	INT		☐	☐	☐	
	Redemption_ID	INT		☐	☑	☐	
	Total_Orders	INT		☐	☐	☐	
	Amount_Spent	Float				☑	
	Average_Amount	Float				☐	
Table - Customer_Profile	Last_Visit	Date				☑	
	Total_Available_Points	INT				☐	
	Lifetime_Points	Int				☑	
	Redeemed_Points	Int				☐	
	Lifetime_Redemptions	Int				☐	
	Last_Redemption	Date				☐	
	Available_Rewards	BIT				☐	
	City_ID	UUID		☑		☑	
Table - City	City_Name	Varchar			☑	☑	
	State_ID	INT			☑	☑	
	Country_ID	INT				☐	
	IsDeleted	BIT				☐	
	State_ID	UUID		☑		☑	
Table - State	State_Name	Varchar				☑	
	Country_ID	Int			☑	☑	
	IsDeleted	BIT			☐	☐	
	Zip_Code_ID	UUID		☑		☑	
Table - Zip_Code	Zip_Code	INT				☑	
	City_ID	INT			☑	☑	
	IsDeleted	BIT			☐	☐	

Database	Attributes	Data Type	Length	PK	FK	Required	Comments
				Klaus_Brewing_DB			
	Country_ID	UUID		☑	☐	☑	
Table - Country	Country_Name	VarChar			☐	☑	
	IsDeleted	BIT			☐	☐	
	Brewery_ID	UUID	33	☑	☐	☑	Brewery's name
	Brewery_Address	INT	100		☐	☑	Brewery's address
Table 4- Klaus_Brewing_Company	**City_ID**	INT			☑	☑	
	State_ID	INT			☑	☑	
	Zip_Code_ID	INT			☑	☑	
	Country_ID	INT			☑	☑	
	IsDeleted	Bit			☐	☐	
	Food_Truck_ID	UUID		☐	☐	☑	
Table - Food_Truck_Sales	**Food_Truck_Date**	DATE		☑	☐	☑	
	Brewery_ID	INT		☑	☑	☑	
	Food_Truck_Sales	FLOAT			☐	☑	
	Order_ID	UUID		☑			
	Customer_ID	INT			☐	☑	
	Employee_ID	INT			☐	☑	
	Order_Date	Date				☑	
	is_Member	BIT				☐	
	Coupon_Code	BIT			☐	☐	
Table - Order	Subtotal	Float				☑	
	Total_Price	Float				☑	
	Payment_Type	BIT				☑	
	Status	BIT				☑	
	Loyalty_Points_Earned	INT				☐	
	Total_Points_Earned	INT				☐	
	IsDeleted	BIT				☐	
	OrderDetails_ID	UUID		☑		☐	
	Order_ID	Int			☑	☑	
Table - Order_Details	Product_ID	Int				☑	
	Discount	VarChar				☑	
	Discount_Value	INT				☐	
	Discount_Type	VarChar				☐	
	IsDeleted	Bit				☐	

Database	Klaus_Brewing_DB							
	Attributes	**Data Type**	**Length**	**PK**	**FK**	**Required**	**Comments**	
Table - Coupon	Coupon_Code	UUID				☑		
	Coupon_Value	INT				☑		
	Coupon_Unit	INT				☑		
	Groupon	BOOL				☑		
	Issue_Date	Date				☑		
	Expiration_Date	Date				☑		
	Description	VarChar				☑		
	IsDeleted	BIT				☐		
Table - Redemption_History	**Redemption_ID**	UUID		☑		☐		
	Customer_Profile_ID	INT			☑	☑		
	Reward_ID	INT			☑	☑		
Table - Rewards	**Reward_ID**	UUID		☐		☐		
	Reward_Description	VarChar				☐		
	Redemption_Cost	Float				☐		
	IsDeleted	BIT				☐		
Table - Products	**Product_ID**	UUID		☑	☐	☑	Unique Auto incrementally Id	
	Brewery_ID	VarChar				☑	name of item	
	Product_Description	VarChar				☑	Price of item	
	Product_Price	Float				☐		
Table - Beer	**Beer_ID**	UUID		☑		☐		
	Product_ID	INT		☐	☑	☑		
	Beer_Name	VarChar				☑		
	Beer_Type_ID	INT				☑		
	Beer_Container_Size	BIT				☑		
Table - Beer_Container_Size	**Beer_Container_Size_ID**	UUID		☑		☐		
	Container_Name	VarChar				☑		
	Size	BIT				☑		
Table - Beer_List	**Beer_Name**	VarChar				☑		
	ABV (Alcohol Level)	Float				☑		
	IBU	BIT				☑		
Table - Beer_Type	**Beer_Type_ID**	UUID		☑		☐		
	Beer_Type	INT			☑	☑		
	IsDeleted	BIT				☑		

Database	Attributes	Data Type	Length	PK	FK	Required	Comments
Klaus_Brewing_DB							
Table 11- Merchandise	Merchandise_ID	UUID	15	☑	☐	☑	Unique Auto incrementally Id
	Product_ID	Varchar	33		☑	☑	name of item
	Merchandise_Type_ID	Varchar	33		☑	☑	Type of item
Table - Misc Items	Misc_Items_ID	UUID		☑		☑	
	Product_ID	INT			☑	☑	
	Item_Type_ID	INT				☑	
	Item_Name	VarChar				☑	
Table - Item_Type	Item_Type_ID	UUID		☑		☐	
	Item_Type	BIT				☑	
Table - Merchandise_Type	Merchandise_Type_ID	UUID		☑		☐	
	Merchandise_Type	BIT				☑	
Table - Glassware	Glassware_ID	UUID		☑		☐	
	Merchandise_Type_ID	INT			☑	☑	
	Glassware_Description	VarChar				☑	
Table - Hat	Hat_ID	UUID		☑		☑	
	Merchandise_Type_ID	INT			☑	☑	
	Hat_Color_ID	INT			☑	☑	
	Hat_Price	Float				☑	
Table - Hat_Color	Hat_Color_ID	UUID		☑		☑	
	Color	VarChar				☑	
Table - TShirt	Tshirt_ID	UUID		☑		☐	
	Merchandise_Type_ID	INT			☑	☑	
	Tshirt_Type_ID	INT			☑	☑	
Table - TShirt_Type	Tshirt_Type_ID	UUID		☑		☐	
	Tshirt_Classification	INT			☐	☑	
	Tshirt_SIze	BIT				☑	
	TshirtDesign_ID	INT			☐	☐	
	Color_ID	INT				☐	
Table - Tshirt_Size	Tshirt_Size_ID	UUID		☑		☐	
	Tshirt_Type_ID	INT			☑	☑	
	Size	BIT				☑	

Database	Klaus_Brewing_DB						
	Attributes	*Data Type*	*Length*	*PK*	*FK*	*Required*	*Comments*
Table - Tshirt_Color	**Tshirt_Color_ID**	UUID		☑		☐	
	Tshirt_Color	BIT				☑	