7 Kingdom

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February 2024

1 Problem Statement

1.1 KPI's Requirement (Key Performance Indicators)

Concept: Specific metrics used to measure a company's performance in relation to its business objectives. KPI requirements are those KPIs that are specifically related to the requirements or needs of a particular business.
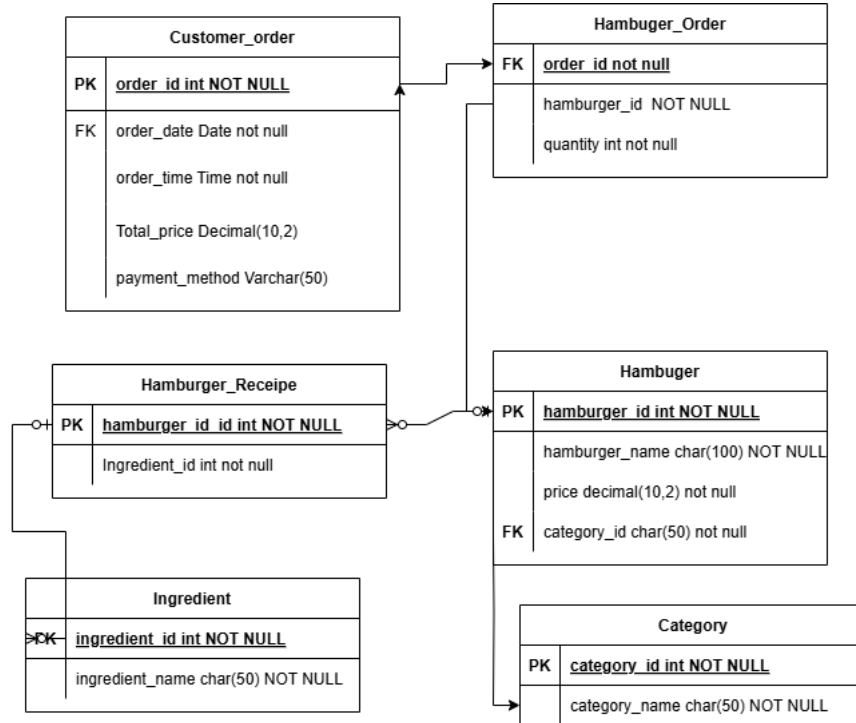
1.1.1 KPI's:

- Total Revenue: The sum of the total price of all hamburger order.

- Average Order Value: The average amount spent per order, calculated by dividing the total revenue by the total number of orders.

- Total Hamburger Sold: The sum of the quantities of all pizzas sold.

- Total Orders: The total number of order placed.

- Average Hamburger Per Order: The average number of hamburger sold per order, calculated by dividing the total number of hamburger sold by the total number of orders.

1.1.2 Charts Requirements

- Daily Trend for Total Orders: Create a bar chart that display the daily trend of total orders over a specific time period. This chart will help us identify any patterns or fluctuations in order volumes on a daily basis.

- Monthly trend for Total Orders: Create a line chart that illustrates the hourly trend of total orders throughout the day. This chart will allow us to identify peak hours or periods of high order activity.

- Top 5 Best Sellers by Revenue, Total Quantity and Total Orders: Create a bar chart highlighting the top 5 best-selling hamburger based on the Revenue, Total Quantity and Total Orders. This chart will help ud identify the most popular hamburger options.

2   Diagrama Entidad-Relación

3   Tables

1. Order(order id, order date, order time, customer id,total price, payment method)

2. Hamburguer(hamburguer id*, hamburguer name, price, category)

3. Hamburguer order(order id*,hamburguer id, quantity)

4. Hamburguer receipe(hamburguer id,ingredient id)

5. Ingredient(ingredient id*, ingrediennt name)

6. Category (Category id*,Category name)

4   Data

4.1   Hamburgers

- **Kings Landing**: Wagyu beef (180g), Cheddar (40g), Caramelized onion (25g), Crispy bacon (2 strips), Garlic and truffle aioli (20g), Romaine lettuce (1 leaf), Smoked salt (1 pinch)

- **Targaryan**: Grilled chicken (150g), Smoked gouda (40g), Pickled jalapeños (10g), Spicy chipotle sauce (10g), Fresh spinach (10g), Cumin and chili spices (1 pinch)

- **Stark**: Lamb (180g), Feta (30g), Sautéed mushrooms (30g), Red chimichurri (15g), Arugula (10g), Roasted tomato slice (1 slice)

- **Lannister**: Traditional beef (200g), Brie (35g), Caramelized figs (15g), Red wine onion jam (20g), Romaine lettuce (1 leaf), Edible gold flakes (1 pinch)

- **Tyrrel**: Vegan (lentils, 180g), Goat cheese (30g), Sliced avocado (50g), Cilantro lime sauce (15g), Fresh spinach (10g), Edible flowers (2 pieces)

- **Martell**: Chorizo (160g), Spicy pepper cheese (35g), Fried onion strips (20g), Spicy chipotle sauce (10g), Arugula (10g), Cumin and chili spices (1 pinch)

- **Baratheon**: Traditional beef (200g), Aged manchego (30g), Roasted red onion (20g), Red chimichurri (15g), Fresh tomato (1 slice), Smoked salt (1 pinch)

- **Tully**: Grilled salmon (150g), Brie (35g), Sliced avocado (50g), Basil and lemon mayo (15g), Arugula (10g), Cumin and chili spices (1 pinch)

- **Ice and Fire**: Wagyu beef (180g), Smoked gouda (40g), Pickled jalapeños (10g), Dark beer sauce (20g), Romaine lettuce (1 leaf), Smoked salt (1 pinch)

4.2 Categories

4.3 Premium

- Kingslanding
- Targaryen
- Stark
- Martell
- Ice and Fire

4.4 Gourmet

- Lannister
- Tully

4.5   Basic

- Tyrell

- Baratheon