# Ma’s Tacos Mexican Restaurant Project Definition

For definitions of each section’s purpose, refer to the posted template on our Canvas page.

# Background Statement

We are a consulting company providing services for a new restaurant, our first and only client.

What’s the name of our company? Ma’s Tacos

# Intentions

We intend to bring data technology solutions that meet the needs of the restaurant, ensuring seamless monetary transactions and providing payment type analysis and insights. Our analysis will include data on food, customers, tables, staff, schedules, payroll, and inventory.

# Values

We prioritize accurate, relevant, and meaningful data while avoiding redundant or unnecessary statistics.

Security considerations are a fundamental aspect of our work.

# Focus

## Breadth

Our effort will include the following aspects of the Restaurant’s operations and data.

### Processes:

* HR Systems (Staff Scheduling, Payroll, Training) -John Vue
* Customer Experience Management (Reservation, Marketing, Surveys) – Cong Ha
* Finance Systems (Accounting, Reporting) -Emily Brown
* Inventory Management (Ingredients, Silverware, cooking materials quantities and statistics) - Matthew Wideman
* Supplier Information Management (email, phone number, etc.)
* Supplier Order Information Management (date, quantity, items, etc.)

### Information:

* Financial data
* Customer data
* Employee data
* Inventory process

### Events:

* Transaction events
* Inventory events
* Scheduling events

### Groups/Org Units:

* Customers
* Employees
* Food
* Payroll
* Analysts/Financial analysts

### Location:

* MN

## Depth

We require detailed and precise data to support informed and strategic business decisions.

## Emphasized Perspectives

* Consultants
* Vendors

## Universality

Our solutions are designed for the Restaurant, with the potential to be adapted for other restaurants in the future.

# Scope of Integration

Software or business systems and/or initiatives that require integration or interface will be identified and incorporated as needed.

# Context

We have a limited timeframe of a few months to complete this project.

# Stakeholders

* Customers
* Mom and Pop
* Analysts
* Employee

# Candidate Solutions

Potential solutions will be explored and designed to meet the business objectives. Multiple approaches will be considered to ensure the best outcome.

We will create a conceptual architecture drawing and update it as we go. I fed our definition to ChatGPT and asked for a starter conceptual architecture with a central database, and it created this. Last year, it really sucked at this…this is getting much better. I think the first one is supposed to be “vendor management.”

