

# Business Requirements Document

## 1. Introduction

This document outlines the business requirements for client data collection. The purpose of this document is to clearly define the needs and expectations of the stakeholders involved in this project. This document serves as a guide for the development team and ensures that the final product aligns with the business objectives.

## 2. Business Objectives

The main objectives of this project are:

- Get data that lets the sales rep know if they have the clients permission to call or email them.

## 3. Scope

### 3.1 In Scope

This project includes the following:

- Getting data from the internal api
- Getting data from a csv that was exported from a CRM
- Combining the data in a way that allows us to see what permission we have to contact the clients.

### 3.2 Out of Scope

This project does not include the following:

- Getting data directly from the CRM
- Data analysis outside of the above requirements

## 4. Functional Requirements

These are the specific functions that the system must be able to perform.

- The system must collect data from an api and from a csv and store the data in a database
- An ad hoc query must be performed to join the data to see if we have permission to contact any of the known clients.

## 5. Non-Functional Requirements

These are the quality attributes of the system.

- You should load no more than 10 clients in memory at a time
- You should authenticate using Bearer Token Authentication

## 6. Stakeholders

The following stakeholders are involved in this project:

Stakeholder	Role	Responsibilities
Jannell Williamson	Owner	Final Project Acceptance
Zahra Bashar	Senior Sales	SME

## 7. Assumptions and Constraints

### 7.1 Assumptions

- That the API is accessible and returns Json formatted data
- The csv is properly formatted
- There are clients that overlap in both data sources

## 7.2 Constraints

- Memory constraint on how much data can be held in memory

## 8. Glossary

- CRM software: Customer Relationship Management software
- SME: Subject Matter Expert
- CSV: Comma Separated Values