Business Requirement Document

# Document ID: Team 9

**Document Version: 1.0 Author: Vinayaka B S**

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# Version History

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| **Version#** | **Status** | **Version Date** | **Author** | **Reviewed by** | **Approved by** | **Approval Date** | **Description**  **of the Modification** |
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1. **Overall Description**

Our project is Store Locator. Here,Customers easily find physical store locations. The feature is particularly useful for business that have multiple physical stores or retail locations. The Store Locator feature can be customized according to the specific needs of the business. It can display store hours, phone numbers, addresses, and other relevant information. The search function can be based on the customer's location, making it easier for them to find the store that is nearest to them.

# Functional Requirements of Store Locator

# Purpose:

The purpose of the store locator feature in Magneto is to provide customers with an easy way to find physical store locations and relevant information such as store hours, address and phone number. This feature is particularly useful for businesses that have brick-and-mortar stores or pickup locations, as it allows customers to quickly find the location nearest to them.

# Scope:

The scope of store locator feature of Magneto includes the functionality and features that will be available to the customers who use it.

**1. Location Data:** The types of locations that will be included in the store locator, such as physical stores, warehouses, or pickup locations. It also includes the data that will be displayed for each location, such as address, phone number.

**2. Search Functionality:** The search functionality that will be available to customers using the store locator, including the ability to search by city.

**3. User Interface:** The design and layout of the store locator feature, including the user flow through the feature and any visual elements such as maps.

**4. Performance Requirements:** The performance requirements for the store locator feature, including response times, scalability, and availability.

**3.Features:**

1. **Search functionality:**Customers will be able to search for stores by entering a city. The search results will show the closest stores based on the customer’s location.
2. **Map view:** The search relists will also display the locations of the stores on a map,making it easier for customers to visualize where the stores are located.
3. **Store details:** When a customer clicks on a store in the search results or on the map, they will be shown detailed information about the store, including its address, phone number, email address, hours of operation, and any special services or promotions currently offered at the store.
4. **Filtering:** Customers will be able to filter their search results by City.
5. **Admin:** Here,admin can add the necessary details about the store,such as the store name,address,phone number and location.
6. **User Interface:** The store locator should have a user-friendly interface that is easy to navigate and understand. It should include a map with clear markers for each location and should allow users to filter results based on various criteria.

# 3. OPERATING ENVIRONMENT

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| **Environment** | **Version** |
| Magneto | 2.4.5-p2 |
| Composer | 2.2 |
| Elastic search | 7.17 |
| OpenSearch | 1.2 |
| Maria DB | 10.4 |
| MySQL | 8.0 |
| PHP | 8.1 |
| Rabbit MQ | 3.9 |
| Redis | 6.2 |
| Varnish | 7.0 |
| Nginx | 1.18 |
| AWS | 8.0 |