# **Project Documentation: Garbandgo**

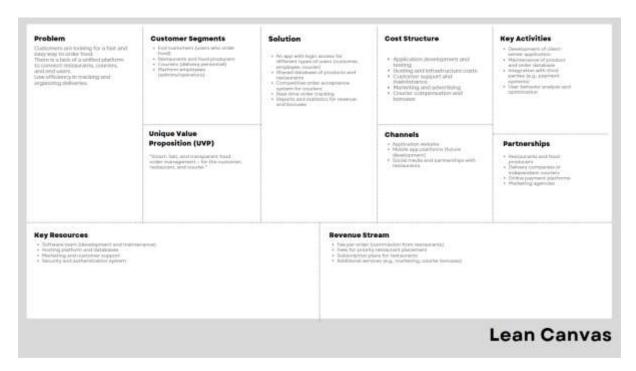
## 1. General Information about the Project.

Project Name: Garbandgo

**Description:** 

The goal of the project is to develop a client-server application that supports the processes in a food delivery company – from the registration of clients, restaurants, and couriers to the management of orders, deliveries, and revenue reports.

### 2. Business Model (Lean Canvas).



#### 3. Features.

#### **For Customers:**

- Registering and logging into the system.
- Browsing restaurants and products.
- Filtering food items by categories.
- Adding products to the shopping cart.
- Placing orders.

#### For Staff:

- Registering and logging into the system.
- Adding, editing, and deleting products.
- Adding, editing, and deleting restaurants.
- Access to manage categories and promotional codes.

#### **For Couriers:**

- Registering and logging into the system.
- Viewing and accepting orders assigned for delivery.
- Cancelling previously accepted orders.
- Tracking the status of deliveries.

#### For Administrators:

- Registering and logging into the system.
- Full access to all administrative panels.
- Access to manage users, roles, and permissions.
- Managing orders, products, restaurants, and all other resources.
- Visibility into all system activities.

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### 4. System Architecture.

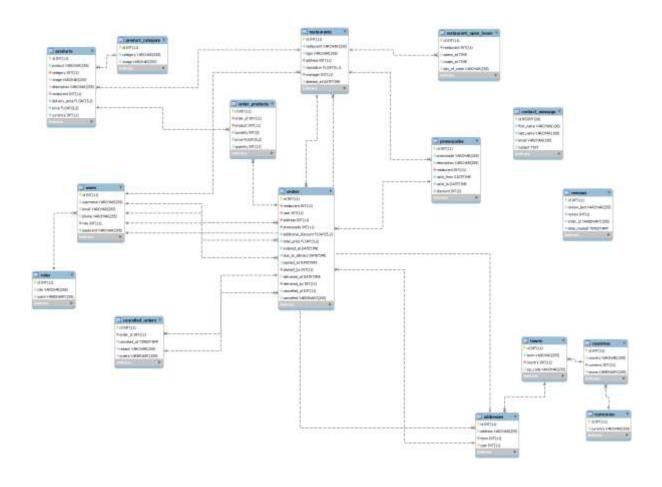
**Type:** Client-server application

**Client:** Console interface (GUI – optional, as a bonus) **Server:** REST API / local server / file exchange via SQL

**Data Formats: SQL** 

**Multiple Users:** Supports concurrent usage (multi-user mode)

## 5. Database Diagram.



## 6. Application Requirements.

• Interface: GUI

• Data Formats: Database

• Multi-user Mode: Support for multiple clients and employees working

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# 7. Potential Libraries and Technologies.

• Language: Java

• User Interface: GUI

• Files: SQL

• **Server:** Spring Boot (Java)