# Introduction

Our system fulfils three fundamental functions for Tabernas Sevilla's business model. It is based on a web page that allows the ordering of commands on-line. Using a computerized web menu, users can select which dishes from Tabernas Sevilla's extensive menu they wish to order and which of the 4 restaurants available throughout Seville to collect them from, giving them an estimated time to collect the order on site or selecting delivery to the previously specified address.

In addition, it has the functionality implemented to manage the capacity of the bar's customers, being able to make table reservations in advance by agreeing on a time, and if desired, also agreeing on the dishes to be consumed. In this way, the client does not have to wait for his dishes when he arrives at the bar but can enjoy them in the best possible way. This helps to solve one of the basic problems of the business, the management of the waiting list, which is currently done by hand by the waiters.

## Scope of the Project

The project is directed to the Owner of "Tabernas Sevilla", Pablo Arenas, with whom we contacted thanks to one of the members of our project. In his organization we can find different positions and users of the system to be developed.

The system is aimed at the different types of users who will make use of the system. Users are categorized according to the business domain and are described below:

* **Owner**: *maximum responsible of a restaurant or a chain of restaurants. He delegates his functions to the foreman.*
* **Foremans**: *skilled person with experience who is in charge of an establishment on behalf of the owner and also watches over a group of workers.*
* **Waiters**: *Person in charge of taking commands and bringing dishes to the diner.*
* **Chefs**: *Person in charge of preparing and cooking food for the diners.*
* **Diners**: *Customer who comes to the business to consume the services we offer.*

## Participants in the Project

The following describes the people involved in the development of the software project and the roles they play:

### Participating Organizations

* **Tabernas Sevilla**: Main organization and objective of the system to be developed. Directed by Pablo Arenas, with 4 establishments along Seville Capital.
* **Universidad de Sevilla**: Teaching organization of which the participating people are members.

### Participating People

* **Cabezas Díaz, Esteban**: Developer and collaborator of the Project.
* **Duran Toro, Amador**: Teacher and project coordinator.
* **De las Heras Cózar, Adrián**: Developer and collaborator of the Project.
* **Núñez Arenas, Carlos**: Developer and collaborator of the Project.
* **Rouichi, Adil**: Developer and collaborator of the Project.
* **Zamudio Amaya, José Antonio**: Developer and collaborator of the Project.

## Project Objetives

The following describes the main objectives that are expected to be achieved when the system to be developed is in production:

* Automate operational processes: In this way we can optimize the company's resources and achieve a more efficient management.
* Provide the information that supports the decision making process: the system will provide the organization with various relevant information about the business that can be used to make decisions that directly impact the organization.
* Achieve competitive advantages: optimizing resources, making processes automatically and obtaining information relevant to the business model will provide the company with strategic supremacy over the competition.