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# 1. Introduction

The project 'La Mexicana' 'is about developing an advertising website that will contain 5 main sections, in addition to the companies of the city of Acámbaro can place orders.

Purpose of the document.

Give the user detailed information on obtain requirements, as well as evidence the requirements that the client requests and also be able to check the work that will be done.

Definitions, acronyms and abbreviations.

OBJ= Objective

AC= Stakeholder

FR= Functional requirement

RS= System requirement

# 2. General description

This document contains the requirements obtained by our analyst, they are will determine how the software '' La Mexicana '' will be developed.

Objective of the product

Develop a web page for the company '' La Mexicana '' which will help to have more publicity, making the process of placing on line orders more efficient.

**Objectives of system**

|  |  |
| --- | --- |
| **OBJ - <01>** | User Management. |
| **Version** | 1.0 23/03/2018 |
| **Actors** | Administrator (with all permits),  Employees (with restrictions) |
| **Description** | The application must manage the registration, logical deletion, modification and consultation of users. |
| **Importance** | High. |
| **Comments** | The administrator is the only one with permissions to register new users, besides being able to do any of the other actions on them.  Users who are not administrators can only modify some of their data (profile). |

|  |  |
| --- | --- |
| **OBJ - <02>** | Product Management |
| **Version** | 1.0 23/03/2018 |
| **Actors** | Administrator and employees of the company |
| **Description** | The application must manage the registration, logical elimination, modification and consultation of the products. |
| **Importance** | High. |
| **Comments** | The only products they currently handle are sauces that they make themselves. |

|  |  |
| --- | --- |
| **OBJ - <03>** | Gestión de dishs.. |
| **Version** | 1.0 23/03/2018 |
| **Actors** | Administrator, employees of the company |
| **Description** | The application must manage the registration, logical elimination, modification and consultation of the dishes. |
| **Importance** | medium |
| **Comments** | This section aims to attract the customer by showing the compatibility of the sauces with certain dishes from the region (this is according to the company's criteria). |

|  |  |
| --- | --- |
| **OBJ - <04>** | Gestión de orders. |
| **Version** | 1.0 23/03/2018 |
| **Actors** | Administrator and employees of the company (control),  Companies (who place orders) |
| **Description** | The application must manage the registration, cancellation, modification and consultation of orders. |
| **Importance** | High |
| **Comments** |  |

|  |  |
| --- | --- |
| **OBJ - <05>** | Business Management (clients). |
| **Version** | 1.0 23/03/2018 |
| **Actors** | Administrator, employees of the company and  Customers (only with permission to manage your account) |
| **Description** | The application must manage the registration, logical elimination, modification and consultation of the companies. |
| **Importance** | High. |
| **Comments** | The company will only be able to cancel a client's account, however, it can not alter the information of said account. |

# 3. Specific requirements.

**Stakeholders**

|  |  |  |
| --- | --- | --- |
| List of actors | | |
| Id | Name | Description. |
| AC-1 | Employees La Mexicana | They are responsible for the business and our main customers. They make decisions about the administration and content that will be published on the website. |
| AC-2 | Companys cliente. | They are our main client to which we provide online services. They are responsible for placing orders through our website. |

Functional Requirements

|  |  |  |  |
| --- | --- | --- | --- |
| List of Functional Requirements | | |  |
| Id | Name | Description | Who can perform this function? |
| FR-01 | Register sauces. | It allows to register new willows in the application.  The sauce is registered with the following fields: name, image, description, price, stock.  Which will be stored in the application. | Only the employees of "La Mexicana". |
| FR-02 | Modification sauces | The application will allow changes to an existing sauce.  The user must first search and select the desired product in order to make the necessary changes.  The modification can only be done on one product at a time. | Only the employees of "La Mexicana". |
| FR-03 | Remove sauces | Allows you to unsubscribe or vary existing sauces in the application.  The user can select one sauce at a time for its elimination. | Only the employees of "La Mexicana". |
| FR-04 | Consult souce. | The application will allow to consult the information of an existing sauce.  The system displays a list of all existing products, showing their data. | Only the employees of "La Mexicana". |
| FR-05 | Register users. | It allows to register a new user in the application.  The user will be registered with the following fields: name, surnames, position, permissions ,. Additionally you must have a username and password (these fields will allow you to access the application). Which will be stored in the application. | Only employees of "La Mexicana" with administrator permits. |
| FR-06 | Modification users | The application will allow changes to an existing user.  The user must first search and select the desired user in order to make the necessary changes.  The modification can only be done on one user at a time. | Only the employees of "La Mexicana".  User with administrator permissions can apply changes on other users.  Normal users only about themselves. |
| FR-07 | Remove users | Allows you to unsubscribe one or more existing users in the application.  The administrator can select one user at a time for its deletion. | Only employees of "La Mexicana" with administrator permits. |
| FR-08 | Consult users | The application will allow to consult the information of an existing user.  The system displays a list of all existing products, showing their data. | Only employees of "La Mexicana" with administrator permits.  Each user will be able to see the information of himself. |
| FR-09 | Consult saucers | It allows to register new saucers in the application. The saucer will be registered with the following fields: name, image and description. Which will be stored in the application. | Only the employees of "La Mexicana". |
| FR-10 | Modification saucers | The application will allow changes to an existing saucers.  The user must first search and select the desired saucer in order to make the necessary changes. | Only the employees of "La Mexicana". |
| FR-11 | Remove saucers | Allows you to unsubscribe one or several existing saucers in the application.  The user can select one saucer at a time for its elimination. | Only the employees of "La Mexicana". |
| FR-12 | Consult saucers | The application will allow to consult the information of the existing saucers.  The system displays a list of all the existing saucers, showing their data. | Only the employees of "La Mexicana". |
| FR-13 | Relate saucers with sauce. | It allows to create a link of a dish already created with a sauce.  This function will allow you to create a relationship between a saucer and a sauce, in order to make known with what sauce you can accompany each saucer. | Only the employees of "La Mexicana". |
| FR-14 | Register company. | Allows you to register a new company in the application.  The company will be registered with the following fields: name, RFC, telephone, mail, username, password, street, colony, interior and exterior number. Which will be stored in the application. | Only companies in the city of Acámbaro that want to register. |
| FR-15 | Modification company | The application will allow changes to the data of an existing company.  For this, the company must log in. | Only companies registered on the site. |
| FR-16 | Remove company | Allows you to unsubscribe one or more existing companies in the application.  The user can select a company at a time for its elimination. | Only the employees of "La Mexicana". |
| FR-17 | Consult company | The application will allow to consult the information of an existing company.  The system displays a list of all the existing dishes, showing their data. | Only the employees of "La Mexicana". |
| FR-18 | Register fo orders | Allows the customer to make a new order through the application. The order will be registered with the following fields: Date, delivery date, sauce and quantity. Which will be stored in the application. | Only companies registered on the site. |
| FR-19 | Cancellation of order. | Allows the customer to cancel an existing order, within the established time.  The order must be within the established time. | Only companies registered on the site (only your orders).  Employees of "La Mexicana" (any order). |
| FR-20 | Remove order | The application will allow to eliminate only canceled orders. | Only employees of "La Mexicana". |
| FR-21 | Consult order | The application will allow to consult the information of the existing orders.  The system displays a list of all existing orders.  The user can see the orders that a company has through its name. By selecting the name of the desired company, the application will only show the orders that belong to that company. | Only employees of "La Mexicana" (all orders).  Registered companies (only your orders). |
| FR-22 | Register colonies | It allows to register new colonies in the application, which are used for the domicile of a company.  The registration of colonies is registered with the following fields: name and postal code. The dates are stored in the application. | Only employees of "La Mexicana". |
| FR-23 | Modification colonies | The application will allow changes to an existing colony.  The user must first search and select the desired colony in order to make the necessary changes. | Only employees of "La Mexicana". |
| FR-24 | Consult colonies | The application will allow to consult the information of the existing colonies.  The system displays a list of all the existing colonies. | Solo empleados de “La Mexicana”. |
| FR-25 | Login users | Allows a user of the application to access your account by using forms.  For this function, the user must provide a username and password. | Only employees of "La Mexicana". |
| FR-26 | Login company | Allows an application company to access your account by using forms.  For this function, the user must provide a username and password. | Only companies registered on the site. |

System requirements (Non-functional)

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| --- | --- | --- |
| List of System Requirements | | |
| Id | Name | Description |
| RS-01 | Design | The application must present a vintage style design. In addition, be adaptable to the different dimensions of the devices. |
| RS-02 | Usability | The application should have an intuitive design making the learning curve shorter.  The application must contain error messages for the user. |
| RS-03 | Maintainability | The application must be developed in a way that facilitates the scalability of it. |
| RS-04 | Security | The access permits to the application can only be changed by the administrator. In addition to having encrypted passwords. |
| RS-05 | Efficiency | The application must fulfill its function with the resources available in the hardware. |
| RS-07 | Veracity | La aplicación contendrá información verídica y actualizada en todo momento. |
| RS-08 | Normativity | The development of the application must adhere to the rules and policies proposed by the client company. |