# The Great Pizza Test

## Description

It’s an application that allow to different web user to list, create, edit and delete pizzas and also select a variety of toppings in every one, the main goal of the application is to allow to final user manipulate the information related to pizza’s ingredients in order to elaborate the most know pizzas flavors and the new one.

## Requirements

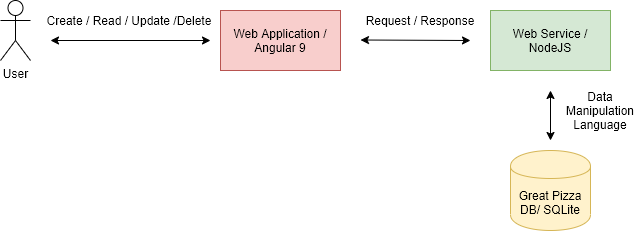
To next there are described the main features of the web application, so we’ll focused on provide these functionalities implemented and tested.

1. Get pizzas
   1. Get a list of the pizzas stored on database.
2. Get single pizza
   1. Display the properties stored of a specific pizza selected.
3. Insert new pizza
   1. Through a web form create a new pizza, populating the respective properties in the form.
4. Delete pizzas
   1. Delete from database a specific pizza selected.
5. Get Toppings
   1. Get a list of toppings stored on database.
6. Insert new topping
   1. Through a web form create a new topping, populating the properties of a topping.
7. Delete topping
   1. Delete from database a specific topping selected.
8. Add topping to pizza
   1. Using a topping and pizza created, add a topping on the pizza, the toppings can be associated to different pizzas and also can be removed from this.
9. Get toppings from a pizza
   1. From a selected pizza, get the list of toppings that are part of the pizza choose.

## Tech Stack

The architecture of the application it’s separated in two layers, frontend and backend. Both it will be developed using JavaScript technologies such as Angular (9 it’s the current version) for frontend and NodeJS for backend side. Regarding to the database, in this initial phase it will be used SQLite data management, in order to have an easy and fast deploy after clone the code, this could be changed in the future based on the requirements of functionality or demand of the users or reviewers.

Below you can find a small diagram of the application architecture based on the requirements defined in the document provided.



The high-level tech stack is described to next, where basically the application it will be separated in two layers, frontend and backend every layer has a specific role to handle the application data.

