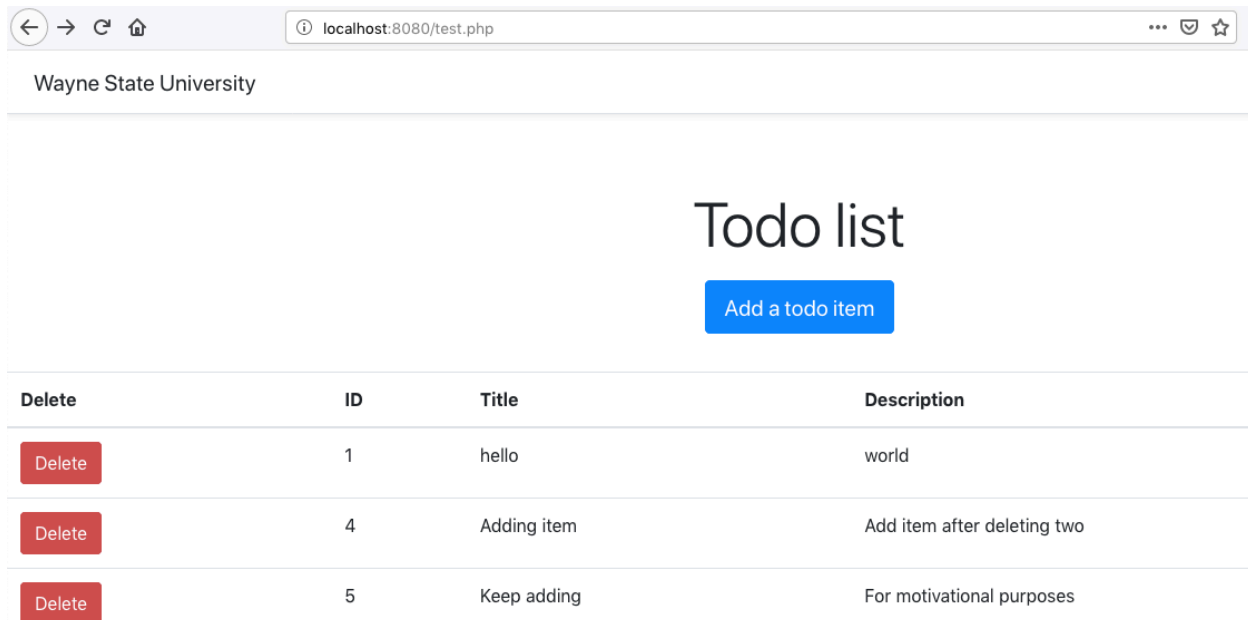


# XAMP Warm-up Exercise



## Functional requirements:

There are three main functional requirements for a todo-list:

1. Display the todo item
2. Remove the todo item when it is finished
3. Add to-do items

With these three functions you are able to use a simple todo list and have all the core functionalities needed in order to have a working product.

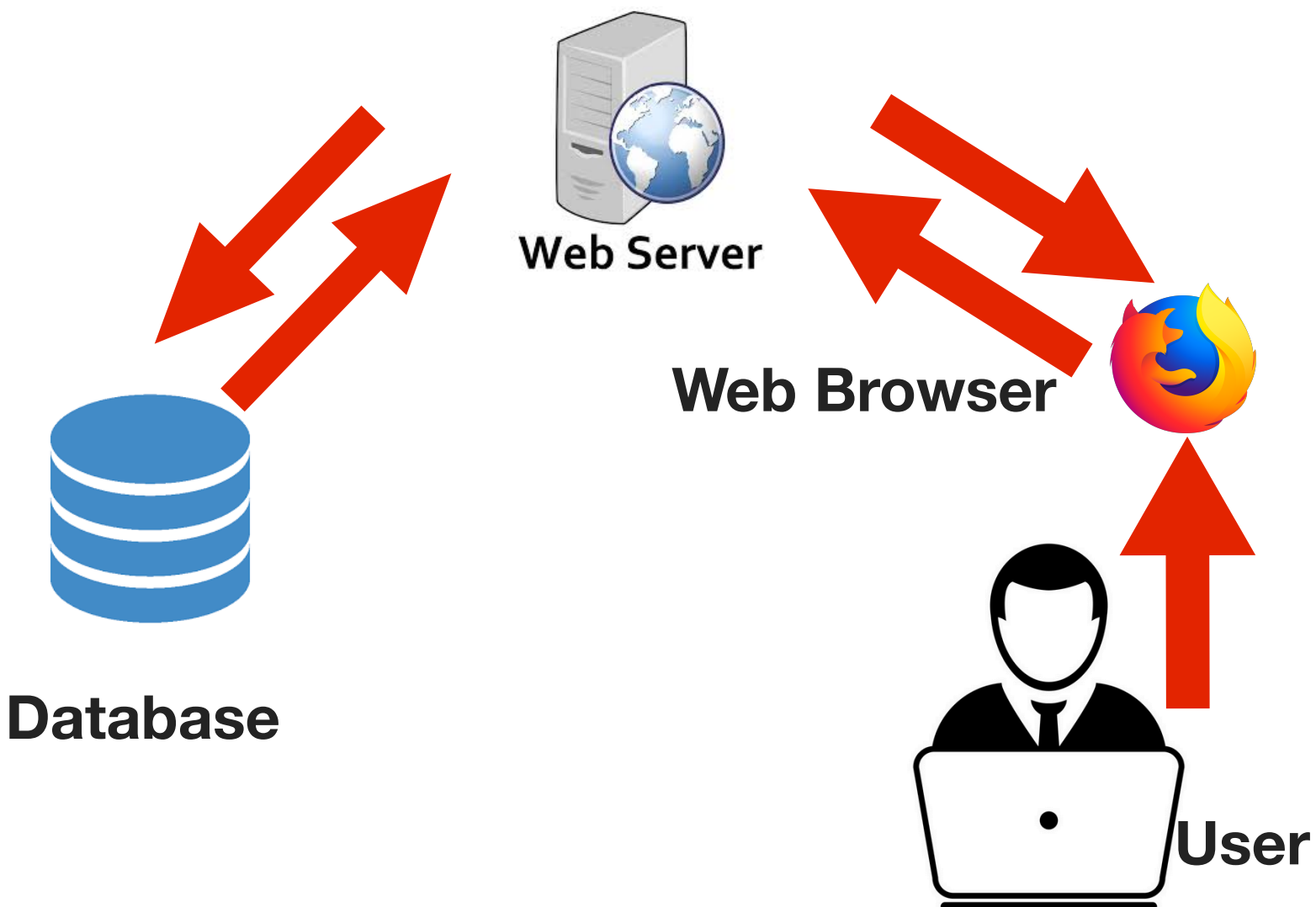
## Non-Functional requirements:

While there are requirements that are needed in order to have a viable product (or working), the non-functional requirements for this product would be the following

1. Speed of the product
2. Reliability of the product
3. Usability of the product

The speed is needed since this is a product that people will have a large demographic of users, in which they all would want a fast experience to view their todo-list. Since this is a very common product and competition would be high, we would need for this product to be reliable since customers are very likely to switch to another product. Lastly would be usability, since the product does include a non-technical audience this means that users are expecting a very easy to use product; So creating an aesthetic product is a very high priority for the Non-Functional requirements.

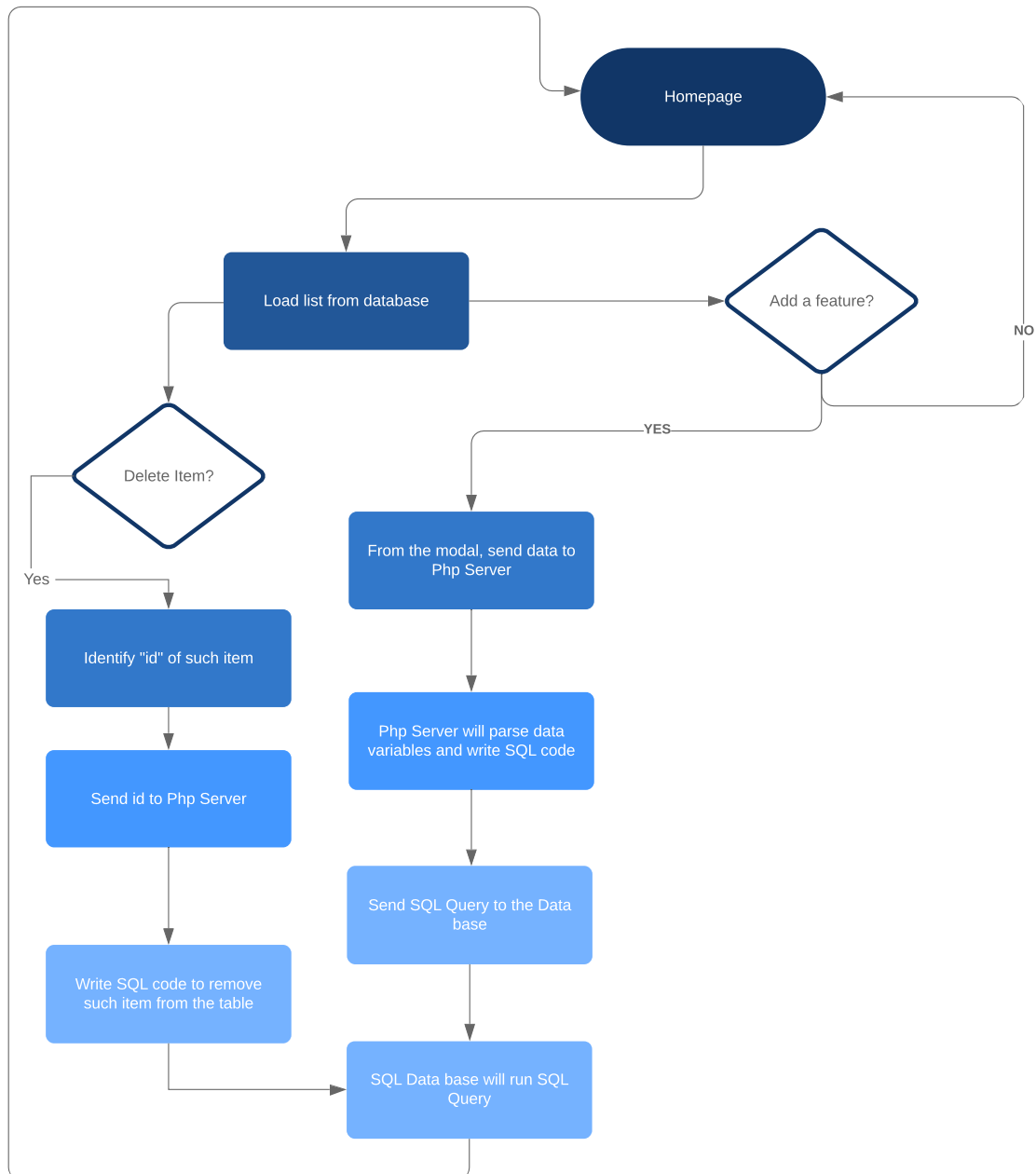
## System Architecture



# Data-Flow/ Use-Case

## Data Flow

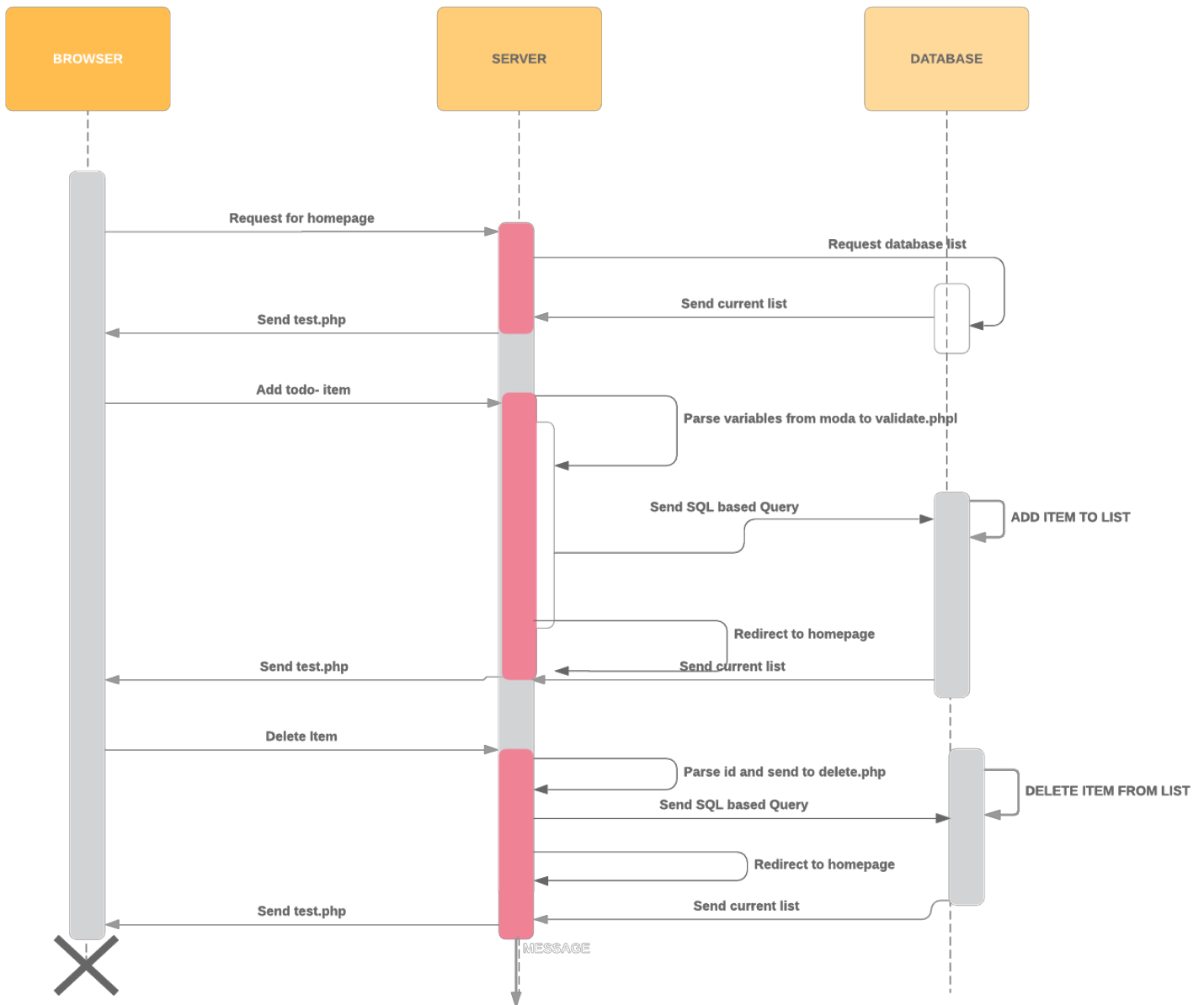
Carlo Martinez | January 14th



# Sequence Diagram

## Basic Sequence Diagram

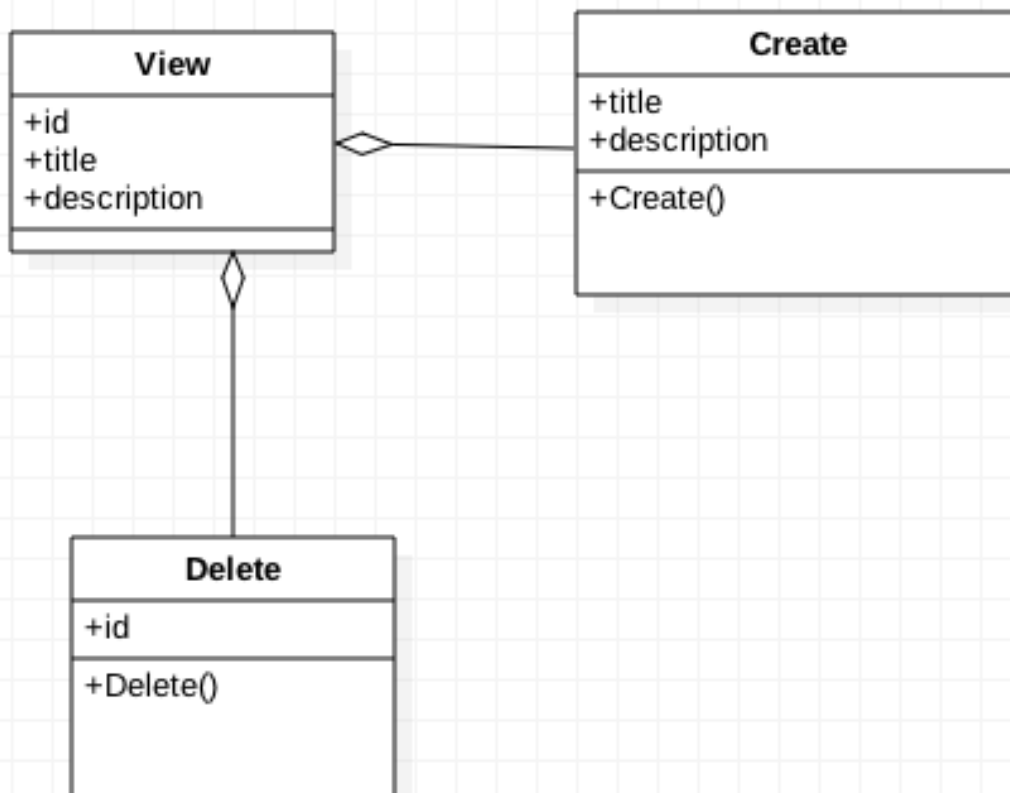
Carlo Martinez | January 15, 2019



## DataBase Design

List
id (INT)
title (STRING)
description (TEXT)

## Class Diagram



## Test Case

