# To Do List Assignment

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Functional Requirements

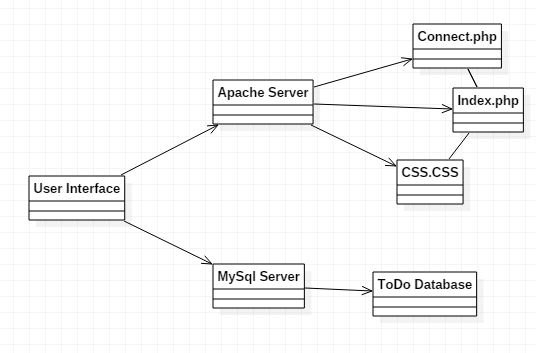
The functional requirements for this assignment are as follows:

1. The ToDo list must be connected through a front end HTML interface, using a PHP and MySql backend for data storage.
2. It would be desired to have an intellectual and visually appealing front end, so the user can navigate through easily.
3. The data must be stored on the Apache server for access using the local host.

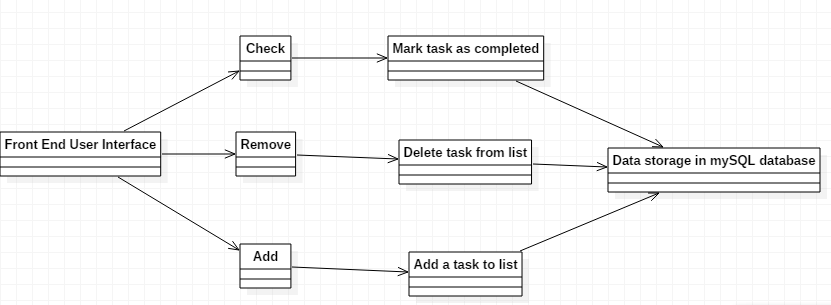
Non-Functional Requirements

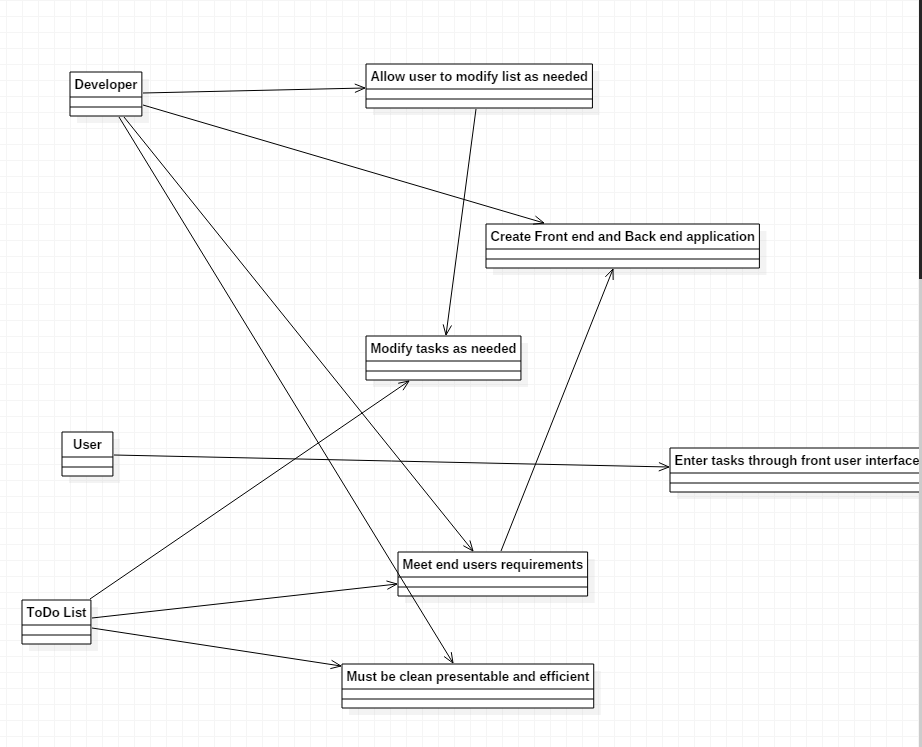
1. The ToDo list should be able to add, view, and delete tasks.
2. The deployment of this list is through the Apache server using PHP and MySql
3. Documentation for this document is a must, as it will provide the user with information on how to use the application properly.

System Architecture Diagram

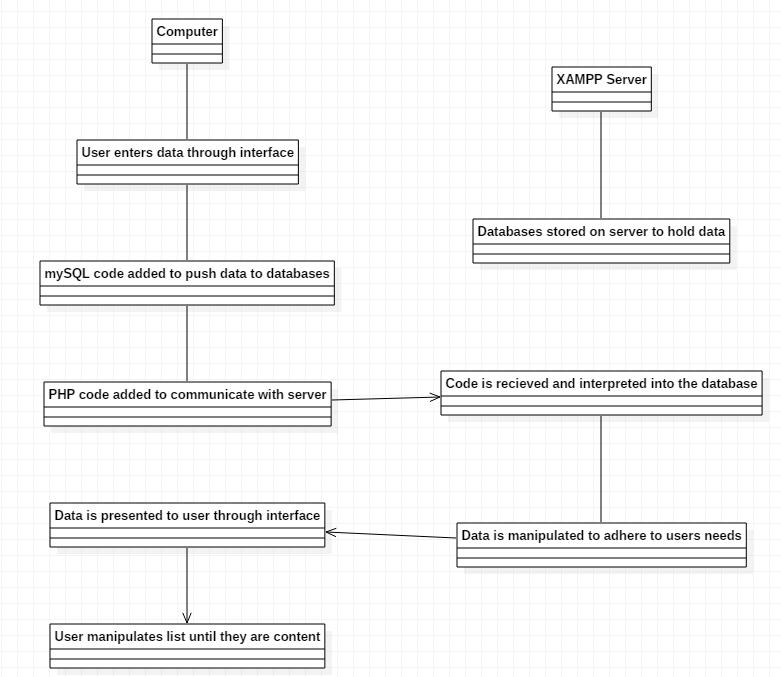


Data Flow Diagram



Use Cases

Sequence Diagram



Database Design

Class Diagram

No classes were added in this assignment, but if there was to be 3 classes added, I would have:

* storeData class, that would have the code pushed to the database and stored.
* pushData class, which would push the data from the PHP query to the SQL database
* arrangeTasks class, which would be more so for the user front end, allowing the user to move tasks up or down in the list and rank them by priority.

Test Case