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CSC 4996 TODO Application

**TODO-APP Documentation**

For this application we were tasked with making a simple todo list that consisted of multiple different tasks. The functionality that was required was being able to add, view, and delete tasks, also requiring that each task have a due date and status. The main page was required to show the total number of tasks in the todo list and show the number of task for each status type (pending, started, completed, late). Upon clicking the status type it should take you to a new page to show these task of that certain type.

**Functional Requirements**

**Required**

1. The software shall display the total number of task on the main page. Along with the totals for each status type.
2. The software shall have a button called view to take the user to a page where they can view all the tasks currently on the todo list. Also clicking the status types should take you to a page to view the tasks of just that type.
3. The software shall have a button to add a new task to the todo list.
4. The software shall have a button to delete a task from the todo list.

**Desired**

1. The software shall automatically change a task’s status to late if it is past the current date.
2. The software shall allow a user to go back and edit a task once it has been created.

**Non-Functional Requirements**

1. The software shall execute all queries quickly and efficiently.
2. The Web Application’s main page shall load fast.
3. The Web Application shall be made using the WAMP stack.
4. The Web Pages shall be easily navigable and shall load quickly from page to page.
5. The Database shall be created on using MySQL and shall be created on start up if it does not already exist.
6. The Web Application shall include a deployment guide.