Functional Requirements

* Add a new task with a description
* View a tasks description
* Delete/complete a task
* (desired) view completed tasks

Non-Functional Requirements

* List supports any number of tasks
* Tasks must have a name, description is optional
* List must load with 0 tasks

System Architecture Diagram

C:\Users\David\AppData\Local\Microsoft\Windows\INetCacheContent.Word\Untitled Diagram.png

Use Cases (user – create, view, delete)

Hypothetical for multi-user system

C:\Users\David\AppData\Local\Microsoft\Windows\INetCacheContent.Word\Untitled Diagram (1).png

Sequence Diagrams

C:\Users\David\AppData\Local\Microsoft\Windows\INetCacheContent.Word\Untitled Diagram (2).png

C:\Users\David\AppData\Local\Microsoft\Windows\INetCacheContent.Word\Untitled Diagram (3).png

C:\Users\David\AppData\Local\Microsoft\Windows\INetCacheContent.Word\Untitled Diagram (4).png

Database Diagram

C:\Users\David\AppData\Local\Microsoft\Windows\INetCacheContent.Word\Untitled Diagram (5).png

Class Diagram

C:\Users\David\AppData\Local\Microsoft\Windows\INetCacheContent.Word\Untitled Diagram (6).png

Test Cases

* Create a new task, creating with no name should fail, but no description should still succeed, the task will appear at the end of the list.
* Delete a task, list should be fine even if the last task is deleted
* View task, should display fine with or without a task description

Work Breakdown

Name of the task: Set up WAMP stack

Estimated No of hours: 1

Actual time spent: 10 mins

Notes: Downloaded xampp and everything just worked

Issues:

Name of the task: Learn PHP

Estimated No of hours: 5

Actual time spent: 2

Notes: Learning the basics was easy, it was very similar to using node.js

Issues:

Name of the task: Write PHP

Estimated No of hours: 5

Actual time spent: 3

Notes: No major debugging, everything mostly worked the first time

Issues:

Name of the task: Learn Documentation

Estimated No of hours: 1

Actual time spent: 2

Notes: A lot more to this than I remember from soft eng

Issues:

Name of the task: Write Documentation

Estimated No of hours: 2

Actual time spent: 3

Notes:

Issues: Task was not very complicated which made writing some of the documentation a little confusing