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CSC 4556

Work Break Down

**Initial plan:** I envisioned doing the application via webpage and connecting to the datapage via localhost

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Tasks: | Estimated Time Spent: | Actual Time Spent: | Notes: | Issues: |
| Create a Repository on Github | 1 hour | ~30 minutes | I had an account I forgot about and creating a repository wasn’t as hard as I anticipated |  |
| Create a blank HTML page that can open | 10 minutes | ~1 minutes |  |  |
| Create a database to store tasks | 1 hour | ~30 minutes |  |  |
| Successfully connect database to the webpage | 1 hour | ~3 hours |  | had trouble getting mysqli\_connect or anything in the <php?..?> to work. Turns out my directory wasn’t in the localhost and the extension was wrong. |
| Add option to view list | 1 hour | ~1 hour 30 minutes | Also created sample data to test with. | Took a bit figuring out mysqli\_fetch\_Array and refresh how to create a table in HTML |
| add option to add tasks to list | 1 hour | ~2.5 hours |  | spent a while figuring out why code wasn’t adding anything. The variables gave me trouble and figuring out proper syntax always slows me down |
| add option to delete tasks from list | 1 hour | ~30 minutes | was similar to the add option so it took less time |  |
| add count of various status for tasks | 1 hour | ~1 hour |  | The table kept iterating 7 times instead of just once. |
| Gain ability to filter tasks by status | 1 hour | ~30 minutes | tried putting the link inside the table and got lucky with the results |  |
| Gain ability to mark tasks as complete | 1 hour | ~2 hours | tried to be more efficient but kept getting errors so settled for more simpler approach |  |
| Start Documentation | | | | |
| Functional requirements (required/desired) | 30 minutes | ~20 minutes |  |  |
| Non-functional requirements | 30 minutes | ~20 minutes |  |  |
| System Architecture Diagram | 1 hour | 2 hours |  |  |
| Data Flow Diagram | 1 hour | ~30 minutes |  |  |
| Use case | 1 hour | ~40 minutes |  |  |
| Sequence Diagram | 1 hour | ~1 hour |  |  |
| Database Design | 1 hour | ~1.5 hours |  |  |
| Class diagram | 1 hour | ~2 hours |  |  |
| Test Case | 1 hour | ~ 2hours |  |  |
| All Documentation finished | | | | |
| Find Screen Capture Software | 30 minutes | ~15 minutes |  |  |
| Figure out how to use software | 20 minutes | ~30 minutes |  |  |
| Record practice videos | 30 minutes | 10 minutes |  |  |
| Record actual video | 15 minutes | 10 minutes |  |  |