


Brooks Arthur (Individual Project)

Student Information

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- Github Repository: <https://github.com/arthurwb/ASE420-Individual-Project> 
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Planning the Individual Project

Summary of the Project

Create a command line program to allow for the user to keep track of their work and when they complete tasks throughout their week/month.

Goals

I am aiming to create a easily accessible program where any user can approach the program and be able to understand and use its features.

Why?

Through this project I will learn valuable software design principles and create an application which can be presented as a stand-alone product.

Features

Project Test Plan

- Interactive CUI with DATE, FROM, TO, TASK, TAG inputs.
- Interactive CUI with query input for DATE, TASK, and TAG for the query.
- SQLite database to store the data and return queried data.

Additional Features

- Input to query a certain time period based on dates.
- Input to see list of activities (tags) which are done the most.

Milestones and Deadline

- | | | |
|----------------------|------------------------|--------------------------|
| MILESTONE 1: Project | MILESTONE 2: Prototype | MILESTONE 3: Refactoring |
|----------------------|------------------------|--------------------------|

Structure GOAL: Set up the project structure and build the repository in which the project will be built. DATE: 10/31/2023	GOAL: Complete initial prototype, completing first requirements from client. DATE: 11/11/2023	GOAL: Refactor the prototype in order to improve scalability and OOP principles. DATE: 11/18/2023
MILESTONE 4: Additional Requirements GOAL: Add the additional requirements as requested by the client DATE: 11/25/2023	MILESTONE 5: Refactoring and testing GOAL: Refactor the final project to assure that all requirements are met. DATE: 12/8/2023	

Risk Analysis

1. Work Schedule:

1. Monday: 11:00-1:00; 5:00-7:00
2. Tuesday: Unavailable
3. Wednesday
4. Thursday: 1:30-7:00
5. Friday: 9:00-1:00
6. Saturday: 10:00a-1:00
7. Sunday: Unavailable

2. 10/21/2023: Renaissance Festival

Project Progress

Week 11/3

Summary

Created schedule on canvas page and created Github repository with project structure.

Milestones and Risks

- Work and class conflicts.
- Completed Milestone 1.

Week 2 11/10

Summary

The initial prototype is created and significant work on ver1 is completed.

Milestones and Risks

- Work and class conflicts.
- Completed Milestone 2.

Week 3 11/17

Summary

Ver1 is completed from refactored prototype code and tests are created. Unit tests are created which are then converted into regression tests.

Milestones and Risks

- Work and class conflicts.
- Completed Milestone 3.

Week 4 11/24

Summary

Project work is delayed due to the Thanksgiving holiday. Progress is made towards ver2 but none significant.

Milestones and Risks

- Work and class conflicts.
- Worked towards completion of Milestone 4.

Week 5 12/1

Summary

Progress towards the completion of the application is slowed due to time needed to work on various group projects. Ver1 code is completed but testing and documentation still needs to be done.

Milestones and Risks

- Work and class conflicts.
- Completed Milestone 4.

Week 6 12/8

Summary

Ver2 is finished and refactored. Documentation is underway and nearing completion. Project will be ready for submission by the deadline.

Milestones and Risks

- Work and class conflicts.
- Completed Milestone 4, nearing final completion of Milestone 5.