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| **Project Title:** Dividend Portfolio Tracker | |
| **Start Date:** 1/9/2023 | **End Date:** 4/25/2023 |
| **Team Members: Jordan Richardson** | |
| **Project Sponsor: N/A** | |
| **Customer: Financial Institutions** | |
| **Users: Financial Institutions / Beginners Investors / Dividend investors** | |
| **Purpose (Problem or opportunity addressed by the project)**:  Teaching people new to investing on how to invest in stocks with dividends and show how much they will gain from doing so. | |
| **Goals and Objectives**:   * 1. Successfully create a toolkit GUI that allows the user to input stock data that will then be calculate the dividend rewards from the stock percentage.   2. Store previously used user data | |
| **Schedule Information (Major milestones and deliverables)**:   * 1. Create the buttons and the user input widgets by 1/15/2023   2. Help buttons describing each data input the user will need to enter 1/22/2023   3. Search box for the user to search a stock 2/05/2023   4. API installed 2/05/2023   5. History of all the stocks along with the calculated monthly and annually growth 3/01/2023 | |
| **Financial Information (Cost estimate and budget information)**: None. | |
| **Approach:** Make the toolkit for a beginner’s approach; Simple:   * Add API from Yahoo Finance so the user can see how much a stock is currently * Number of Shares (user input) * Price Growth (Percentage of growth) (User input/API input) * Python | |
| **Constraints:** Only for PC/MAC/LINUX  Not in the form of an app.  Will not allow you to build a full diverse portfolio – list and calculate multiple different stocks | |
| **Assumptions:** | |
| **Success Criteria:**   * All the input textboxes are functional * Data and numbers are accurate * It is easy for the user to understand how the application works | |
| **Scope**: **INCLUDED: (1) All of the stocks featured on the United States Stock market (2) Store the history and current stock the user inputted (3) Calc the total the user will get from 5 years out – 2023, 2024, 2025, 2026, 2027** | |
| **Risks and obstacles to success:** None. | |
| **Project Priorities and degrees of freedom:** Must be new user friendly | |