Project Logs

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| **Task** | **Period** | **Description** |
| Excel API Performance Tool | 5/2/18 – 5/8/18,  6/9/18 – 6/10/18 | |  | | --- | | Collect data on how fast/slow we're able to retrieve data for one Strategy API. Scale this to multiple calls and measure the performance of each call. Figure out how to run this every hour to collect data on performance.  Created a VBA excel tool which accepts an API URL as an input. Once run, tool will call the API, capture the data, time the event, and record the required data in a separate sheet. Also allows for basic data analysis (averages, medians, thresholds) and user-friendly options such as transferring collected data to a new sheet. Automated the features as well to run every user-set amount of time (ex; every hour) | |  | |  | |  | |
| Excel Actual vs. End Graph Tool | 5/9/18 – 5/17/18, | Create a dropdown of all the symbol types. Graph which allows for user to see the past and present as well as the mean values. Compare the data of the predicted vs the actual and then assess it using future and present as well.  Created a VBA excel tool which accepts an excel file with data of various stocks. Allows for individual stocks to be selected from the group to be visually represented by a graph. Graph takes data and separates it by future and past to show projected vs historical data. |
| Auto. QA: Fixing Test Cases | 6/1/18 – 6/5/18,  6/6/18 – 6/22/18 | Running automated tests with a UI tool and looking at the existing X-Path to find the source of failure. Rewrite X-Path to map the UI correctly. Fixed 200 test cases. |
| Auto. QA: Creating Test Cases | 6/25/18 – 6/29/18 | Given criteria for test cases. Using criteria map the required UI elements with X-Path and commands from the automation tool. Created 3 test case scenarios. |
| Diagraming | 5/8/18 – 5/11/18,  5/29/18 | Excel API Architectural Diagram, Quant, APG, Unix process diagram, Workflow Diagram:  Received information on the flow and processes. Made a diagram to be reviewed using Gliffy. |
| SPLUNK | 7/3/18 – Present | CPMS Dashboards  Using XML and Splunk’s query language to capture and display useful usage and client statistics in charts and tables. |
| Electron: API request tool | 7/20/18 – 8/1/18 | Using Node.js, HTML, jQuery, and CSS to create a user-friendly interface which accepts a GET/POST URL as an input and formats the retrieved JSON data into a table. Allow for settings and configurations to persist through File IO. |
| Electron: CPMS Mock up application | 8/1/18 – 8/24/18 | Using Electron to create a mock up of the CPMS desktop application while integrating the use of APIs and packages for UI such as jsTree and Golden Layout |