**The Ultimate Currency and Unit Of Measure Converter**

**Sprint Backlog for The Ultimate Currency And Unit Of Measure Converter**

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| **Priority** | **Sprint Backlog Item** | **User Story** | **Task1** | **Task2** | **Task3** | **Task4** | **Task5** |
| 1 | **Unit Conversion Website** | **Chris Redfield #1:**  **As a project manager, I want to simplify my workflow by being able to use an app that converts measurement units when ordering materials. So that I can buy materials that are correctly sized.**  **Chris Redfield #3:**  **As a project manager I want a simple conversion application to use when buying orders from different countries. So as a non tech savvy person I can quickly get the information I need.**  **Show Rum #1**  **As a shopper, I want to calculate the cost of my online purchases in Canadian Dollars with fees and everything hidden.** | **Design user interface** | **Build the logic to convert the currency and unit of measure together** | **Add error handling** | **Testing** | **Documentation** |
| 2 | **Webpage that has a dropdown box with different FROM currencies to convert** | **Chris Redfield #2**  **As a project manager, I want to be able to pick from multiple currencies to convert into the Canadian dollar. So, I don’t overspend on materials being bought.**  **Show Rum #3**  **As a shopper, I want to switch between multiple currencies easily and calculate cost and compare at different stores.**  **John Loe #2**  **As a User, I want to save on the Canadian currency and go between the currencies I always use.** | **Determine and create the list of currencies available in the dropdown box** | **Create Dropdown box for the user to select the currency they want to choose from** | **Create the logic to use the selected currency in the conversion** | **Testing** | **Documentation** |
| 3 | **API call to the bank of Canada webservice to get real time rates** | **John Loe #1**  **As a User, I want to be able to see rates in real time in an exchange app to make fast decisions in my traveling.**  **John Loe #3**  **As a user, I want favorable exchange rates, so I can exchange money when the rate is good.**  **Show Rum #2)**  **As a shopper, I want data from historical records on exchange rates, so I can decide the best time to purchase internationally.** | **Investigate the availability and structure of the Bank of Canada exchange rate API** | **Create the webservice API call to the Bank of Canada to get the real time exchange rate** | **Create the logic to use the real time exchange rate in the calculation** | **Testing** | **Documentation** |