User Stories - Team 1 (Big Team)

To: Dr. Hayes

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Subject: User Stories for the Big Team (Team 1)

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1. As a user I need to be able to set up my portfolio by inputting Principal amount and the investment allocation percent so I can track the amount from the beginning along with the percent I wish to test for.

Acceptance Criteria – This can be tested by evaluating the user input with the value that is being queried by the backend to the database.

1. As a user I need to be able to set the start and the end date for the investment so I can see how my portfolio would perform with varying date ranges.  
     
   Acceptance Criteria - The client already has a trading days calendar which we will give us the range of days, that need to be tested for. Hence that range can be tested by the PHP unit tests that we write to test the validity of the date ranges.
2. As a user I want to be able to see the trades and the portfolio value as of the particular option that I select, as a pop-up window, so I know what was the loss or profit for that specific day is.  
     
   Acceptance Criteria – The Webapp we develop is going to be used a prototype and the client already has the data stored in an excel sheet. Hence to test if our displayed data is correct, it needs to be evaluated against the data for that day in the excel sheet.
3. As a user I want to be able to see the net growth or decline of my portfolio value, for the end date so I can know the amount of profit/loss I made and the percent return on my investment.   
     
   Acceptance Criteria – The set of inputs are already chosen to test the software. And the data for that portfolio is already available. Hence all we need to do, to test the net profit/loss, is to check against the final amount that exists in the excel for the chosen strategy.
4. As a user I want to select an investing strategy for my portfolio, so I can know what kind of strategy would have given me maximum yield; if I had invested my money with such a plan.   
     
   Acceptance Criteria – A unit test to check if the option actually exists and if it abides all the constraints that are levied. For instance, the portfolio amount should not exceed the principle amount, correct interest percent is used, etc.