

Planning and Estimating

Size Estimate

Function Points Estimation: **85 FP**

We estimated the **FPs** using the Function Point calculator:

Measurement Parameter	Count	Weighting Factor			
		Simple	Average	Complex	
Number of User Inputs	4	3	4	6	76
Number of User Outputs	4	4	5	7	20
Number of User Inquiries	3	3	4	6	12
Number of Files	2	7	10	15	26
Number of External Interfaces	2	5	7	10	14
Count = Total					82

Note: By clicking on the buttons above more information about the measurement parameters will be available.

From: <http://groups.engin.umd.umich.edu/CIS/course.des/cis525/js/f00/artan/functionpoints.htm>

Risk List

- Majority of our group members are not familiar with *PHP*, *MYSQL*, or *HTML*
- Their *MYSQL* server could crash
- Since we are modifying pre-existing code there could be logical errors that don't match up with our newly written code
- None of our group members are familiar with stocks – or specific details of how stocks work.
- Stock data could be incorrect because of a tragic occurrence. We would have to account for that change (if we even could account for that change).
- Stock data could produce incorrect data randomly.

Solution to Risk List

- Become familiar with the languages and have constant reviews of our logic and code
- Nothing we can really do if our customer's server crashes unless we made a backup/copy of all the data somewhere
- To deal with conflicting code, we will communicate with our customer to make sure that we have implemented non-conflicting algorithms and logic
- We will have an algorithm that will be implemented to deal with a tragic occurrence to re-evaluate our data

- We can not do much about stock data producing incorrect data at random

Tentative Schedule

September 20th – Function to display selector button is created

September 22nd – Function to implement volatility selection is created

September 28th – Function to implement probability selection is created

September 30th – Algorithm to display probability cone is complete