Design Grading Criteria

Team: <u>Stocks/SPED</u>

		1	3
1. Architecture and Rationale	**20**	XXX	
Static Architecture	*5*	3	
Dynamic Architecture	*5*	3	
Rationale Discussion	*10*	9	
2. Data Design (DB, File Formats, DTO's, etc)	**15**	10	
3. Detailed Design	**20**		
UML Class Diagram (or equivalent for static)	*10*	7	
UML Sequence Diagram (or equivalent for dynamic)	*10*	7	
3. User Interface Design	**15**	XXX	
4. Overall Design Quality, Following Good Principles	**20**	17	
5. Validation Plan	**10**	XXX	
TOTAL DOCUMENT GRADE	**100**	XXX	

In section 1, the distinction between alternative 2 and 3 should be made more clearly.

The figure you're using for your high level architecture, i.e. fig. 1, has more detail in it than needed for a static architecture. It looks to be a hybrid between a high-level and detailed representation of your system. This is probably why you're having a hard time with determining what to put in section 4. You might want to pull the details from your architecture diagrams and discussion and push them down to your detailed design. We can talk more about this during Sprint 2 meetings.

What do the static components represent? Your definitions in 4.1 should actually be in 2.1.

"It consists of a single entity with three attributes and no relations." – picture shows 4 attributes though.
What are their types?
What do float, growth, etc mean?

Why a PDF vs. a CSV or something that might be easy to import into Excel for subsequent analysis, graphing, etc?

Static detail should show the distribution of code and interfaces you'll be using. What calls will you be using from the Yahoo finance API? Or the Social Media APIs?
How will the code for the UI (webpage) be structured?

For your case, dynamic detail chould show data flow through UI, API calls, etc perhaps through a system sequence diagram