Work Breakdown

Tasks	Description
Specification	T1 – Project Plan (due March 11)
Design	T2 – Final User Requirements (March 16) T3 – Final System Requirements (due March 23)
Implementation	T4 – Coding additional features and unit tests T5 – Refactoring / code cleanup
Testing	T6 – Running interface tests and acceptance testing
Packaging	T7 – User manual/help system T8 – Code manual (DOxygen) T9 – Final release package (optional) T10 – Final presentation (April 15)

Task	Duration (days)	Dependencies
T1	2	None
T2	2	T1
T3	5	T1, T2
T4	15	T3
T5	5	T3, T4
T6	5	T3, T4
T7	3	T3, T4
T8	2	T4, T5
T9	2	T5, T6
T10	1	T4, T5, T6, T7, T8

Task Descriptions

T1 – To specify required tasks and division of labor. Determine project milestones and contraints.

T2 – Validate existing user requirements.

T3 – Update system requirements to reflect the functionality of the final product, including the updated project design (including object models, data models, etc).

T4 – Implement new features, including equation parser and POS minimizer. Additionally, fix issues with file import/export format. Additional debugging as required.

T5 – Eliminate duplicated code, move code into classes where appropriate. Ensure code follows coding standards. Comment undocumented functions, classes, etc.

T6 – While unit testing has been occurring throughout the development process, more thorough testing will be required. This will include user interface testing, as well as final acceptance testing.

T7 – Create some form of documentation to aid new users in learning the program's functionality. This may be in the form of a help menu, or a document.

T8 - Create code manual using DOxygen, and fix any issues found. Update the system requirements to reflect any code refactoring that has occurred.

T9 – Collect code into a distributable package (ex RPM, deb, etc) for ease of future installation.

T10 – Make sure all code and documents are in order for final product presentation.