Project 1

Team1 Documentation

Algorithm:

1. User interface
2. Option 1 - Ask for polynomial
   1. Parse
   2. Sort
   3. Combine terms
   4. Store as double linked list
3. Option 2 - Display last polynomial
4. Option 3 - Enter new polynomial (repeat option 1 process
5. Option 4 - Add polynomials
   1. Sort result
   2. Store Result
6. Option 5 - Display Result
7. Option 6 - Exit
8. Done and Done

Assumptions:

1. Only X variables used
2. No history stored past the last polynomial
3. Polynomials are sorted and simplified
4. User enters two polynomials
5. If get bad input, ask user for new polynomial
6. Wookies rule

Asymptotic Notation

UML Diagram