**UML Parser**

1. Takes in arguments and performs UML parsing
   1. Pass in argument and search for path
2. Create an output file (in text) to store the Umple code
   1. Pass in path file to output file. Default behavior should output it in the same folder as the file to be parsed
3. Depending on the amount of files stated in the folder, instantiate a thread for each file
   1. Should be capable of parsing while reading
   2. Maybe able to implement in recursion
4. Each thread should be capable of the following:
   1. Reads the file
   2. Checks if it’s a class or interface
   3. Checks for inheritance or interface implementations
   4. Checks the attributes
      1. Checks multiplicities
   5. Checks the methods and their return types (void or return type)
5. Once finished reading, output the code into a diagram (optional)