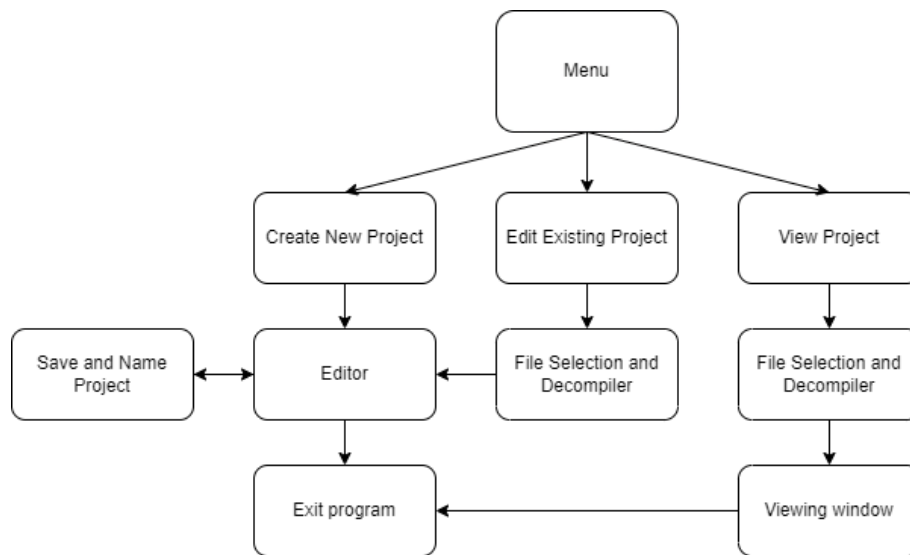
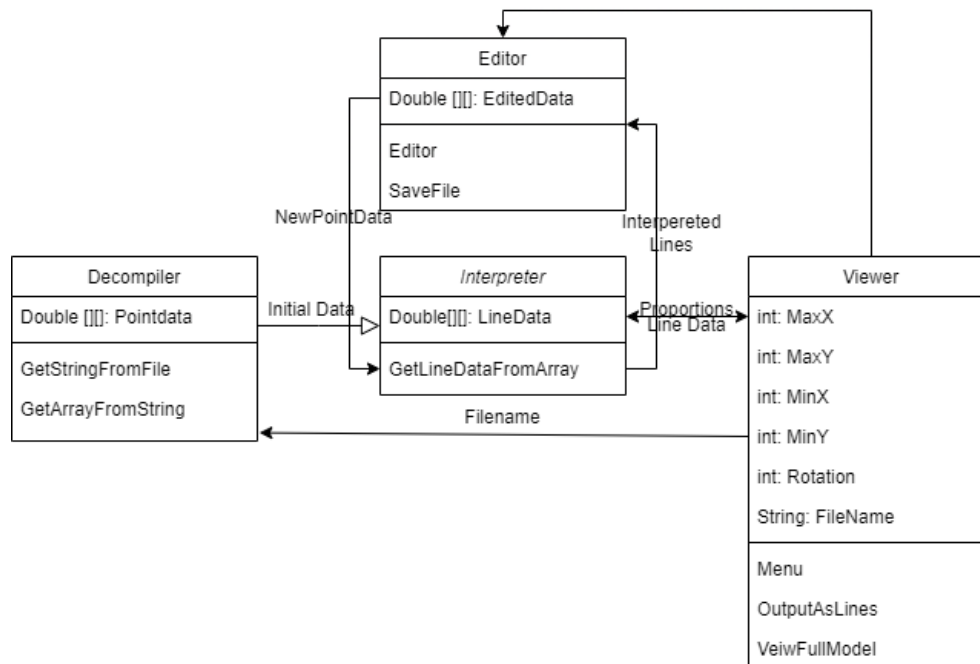


Crit B: (Word count: 291)

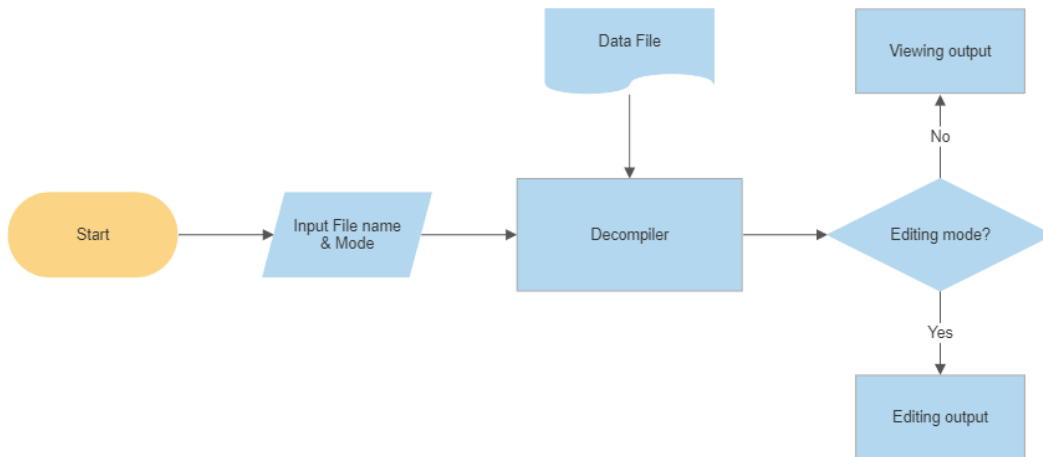
Decomposition Diagram:



Class Diagram:



Flow Chart:



Test plan:

Class:Decompiler

Variable: Filename

Test Data Type	Type of Validation	Input Data	Expected Output	Test Passed P Failed F
Normal	Output of PointData	FileName	A set of formatted coordinates in the form of a double array.	
Extreme	Output of PointData	FileName	An error if the file doesn't exist, an error if the file is not formatted correctly	
Abnormal	Output of PointData	FileName	An error if the file doesn't exist, an error if the file is not formatted correctly	

Class:Editor

Method: Editor

Test Data Type	Type of Validation	Input Data	Expected Output	Test Passed P Failed F
Normal	Screen Update	Pointer Position	The point selected moves as expected along the axis expected.	
Extreme	Screen Update	Pointer Position	Nothing Will happen if the pointer isn't on a point.	
Abnormal	Screen Update	Pointer Position	Nothing Will happen if the pointer isn't on a point.	

Class: Interpreter

Input: PointData

Test Data Type	Type of Validation	Input Data	Expected Output	Test Passed P Failed F
Normal	Output of Lines	PointData	The data outputted is the interpreted position of the lines in 3D space for the rest to draw in 2D	
Extreme	Output of Lines	PointData	An error if the data is incorrect or poorly formatted	
Abnormal	Output of Lines	PointData	An error if the data is incorrect or poorly formatted	

Class: Viewer

Input: LineData

Test Data Type	Type of Validation	Input Data	Expected Output	Test Passed P Failed F
Normal	Onscreen Wireframe	LineData	The Wireframe created looks as expected.	
Extreme	Onscreen Wireframe	LineData	An error if the data is incorrect or poorly formatted. Otherwise, the wireframe does not look as expected	
Abnormal	Onscreen Wireframe	LineData	An error if the data is incorrect or poorly formatted	