**CMSC 203**

**Fernando Gonzales-Vigil Richter**

**Assignment 4**

**UML**

A screenshot of a social media post

Description automatically generated

**Lesson Learned**

The hardest part was to pass the PlotTests, since the logic required not only that the Plot was overlapping one plot, but also the opposite. That meant comparing each angle of the plot had to be inside the other and vice versa. Trying to call the opposite as Plot p.overlaps(this) caused stackoverflow in one case. Finally the solution was to include every testcase. A verbose solution but that passed the test.

Considering the contradictions between the javadocs and the instructions, the classes and methods were designed with the objective to output the results as the instructions showed for the no gui test and expecting to pass all Junit test. No rubric was provided.