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Homework 1

    The customer is requesting a software tool to create UML diagrams. The software tool is to be written using the Java programming language, and pre-existing package is to be incorporated in the final product. As part of being able to create and edit a UML diagram it is assumed that the customer (product owner) would want to be able to create boxes, connect the boxes with edges (in the form of lines), and label the boxes on the diagram. Furthermore, the final product should probably include the ability to CRUD on the diagram entities.

    From my understanding of what needs to happen with the final product and from looking at the pre-existing software package that needs to be incorporated, I would estimate that this project would take 16-24 man hours of work from either a single programmer or a team. Some time would need to be taken to clarify expectations if possible, and research the best way to achieve these goals. Once it's clear what needs to happen, the actual project should take another day or two (thus the estimate of 16 to 24 hours).