



The client for a software project you are developing has asked you:

What's the point of use case analysis? I've already told you what the program should do.

Write your answer to your client's question below (and on the back if needed).

Your answer should describe advantages/disadvantages of employing or not employing use case analysis. Your answer will be graded for accuracy and your ability to clearly articulate the key points to your client. You may find it helpful to provide examples to help your client understand your answer.



Draw each of the following objects and describe what each represents:

Boundary

Control

Entity

Draw the association between the classes below that illustrate each of the following relationships:

(a) A Kennel contains zero or more Dogs. Each Dog can exist independently from the Kennel. The Kennel refers to the collection of Dogs with the identifier `pack`.

(b) A Dog contains one or more Fleas. Each Flea cannot exist without the Dog.

(c) A Dog is a type of Canine.

(a) Describe two approaches version control systems may use to manage conflicts.

(b) Describe the application created by the Jigloo swing tutorial that you were required to complete.



Identify what you feel is the biggest design flaw in the detailed design provided by Dr. Hornick. Explain why you believe this is the biggest problem and describe how the design could be modified to remove the flaw.



(a) When running a Java program from the command line, what arguments need to be provided?

(b) What is the purpose of the manifest file required to make a .jar file?

(c) Give the full name for **ANT** and explain what an ANT target is.