

## Assignment 6

### Part 1:

1. Make: This strategy refers to the development of information systems in-house or through hired developers.
2. Buy: This strategy refers to the purchase of already existing information system solutions from an outside company.
3. Rent: This strategy refers to the purchase of rights to use software or information systems from another organization instead of buying it or building it.

### Part 2:

1. An organization would choose to make their own information systems if they had custom requirements from the information system that were not found in external systems. Another reason would be strategic – to differentiate itself from its competitors. They could do this through the existing developers at the organization or by hiring developers to build the system for them.
2. An organization would choose to buy an information system if they lacked the necessary resources to build their own, in-house. Making your own information systems is too expensive and if the organization doesn't require it, they can buy the system from an external organization. Buying information systems also makes them faster to deploy and easier to maintain than developing your own system.
3. An organization would want to rent an information system if they don't have the resources to build their own or buy the system outright. Renting is cheaper and seen as an operating expense rather than a capital expense. It is also easier to maintain because the majority of the maintenance is done by the company renting the system out.

### Part 3:

I believe that BCIT has rented the Brightspace LMS from D2L. Brightspace is a cloud-based solution that is offered to schools and universities throughout Canada. Moreover, I assume that BCIT doesn't have the in-house resources to develop and maintain a system like BCIT. In addition to that, I think it makes sense for BCIT to rent a cloud-based service that is maintained by another organization as it will be cheaper and would reduce the costs for the students too.

### Part 4:

The D2L Brightspace LMS is a SaaS. The software is delivered to the users in BCIT through the web browser and the students (or BCIT) are not responsible for maintaining hardware and software for the application. It also seems like the service is hosted in a single server with everybody's data. These characteristics lead me to believe that it might be a Software as a Service.