

1) You are planning to open a system consisting of a new pizza shop which offers both takeaway and home delivery services. Describe how the system boundary should be reasonably defined and what elements cross the system boundary.

-the answer should be based on context diagram.

2) Assuming the pizza shop from question 1 accepts orders online, via phone and in-store, list at least three Upper-level functional elements with associated physical elements for the system as a whole.

3) You are looking to acquire a new 3D printing system for your small prototyping business. Identify possible issues that should be considered across different phases of the system life cycle.

- the system life cycle is:

1- Pre-acquisitions phase (Establishment of the need for the system)

2- acquisitions phase (major planning and constructions phase)

3- utilisations phase (The system is put into action)

4- Retirement phase (The system is removed from service)