

Figure 1.1 Workflows that take place during development of a system

It is recognized that a workflow may be carried out at more than one development phase and that developers may well engage in the whole range of workflows during every phase of building a system. For example, in inception, requirements engineering and analysis will obviously take place, but there may well also be some design activity and even some implementation if all or part of the system is to be prototyped. During the construction phase the main activities will be implementation and testing, but if bugs are found there will have to be some requirements and analysis as well.

Instead of the ordered table in Table 1.2, the object-oriented approach to development views the relationships between workflows and phases of development rather like the spider's web in Figure 1.2, where any phase may involve all workflows, and a workflow may be carried out during any phase.

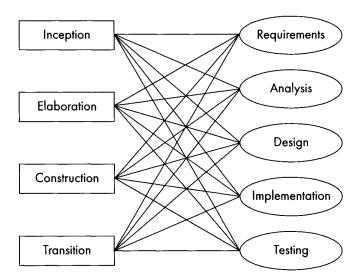


Figure 1.2 An object-oriented view of development phases and workflows