# The Software Life-Cycle Models
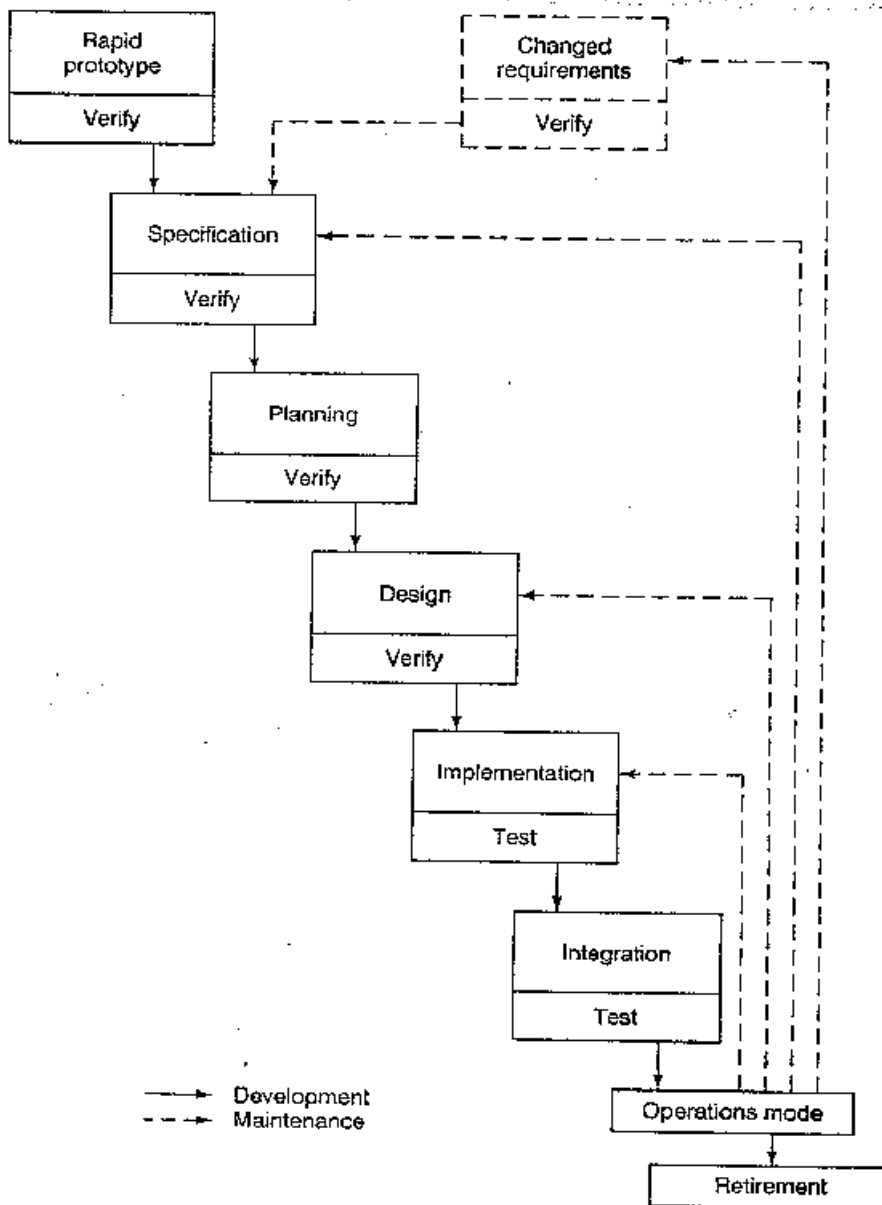
## Rapid Prototyping Model



Rapid prototyping model

**A rapid prototype is a working model that is functionally equivalent to a subset of the product.**

**(1) Because the working prototype has been validated through interaction with the client, the resulting specification will be correct. Therefore a major strength of this model is that the development process is essential linear with little or no feedback loops.**

**(2) In specification, planning and design, verification is needed. In implementation and integration, testing is needed.**

**(3) An essential aspect of a rapid prototype is in the word *rapid*.**

**(4) We can combine waterfall and rapid prototyping, by using rapid prototyping to find out the client's requirements.**