Lecture 9

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broblems in linear Sequential Model

- i) Although the linear model can accommodate iteration, it does so indirectly. As a result, changes can cause confusion as the project team proceeds.
- (ii) It is often difficult for the customer to state all requirements explicitly. Thus linear sequential model has difficulty accommodating the natural uncertainty that exists at the beginning of many projects.
 - (iii) The customer must show patience. Because A working version of the program will not be available until late in the project time-span.

The Prototyping Model

- i) Developer and customer neet and define the overall objectives for the software, identify whatevor requirements are known, and outline areas where further definition is mandatory. Then a "quick design" occurs which leads to the construction of a "pretotype"
- (ii) the prototype is evaluated by the customer/user and used to refine requirements for the enfluere
- (iii) The prototype sower as a mechanism for identifying settware requirements.

