

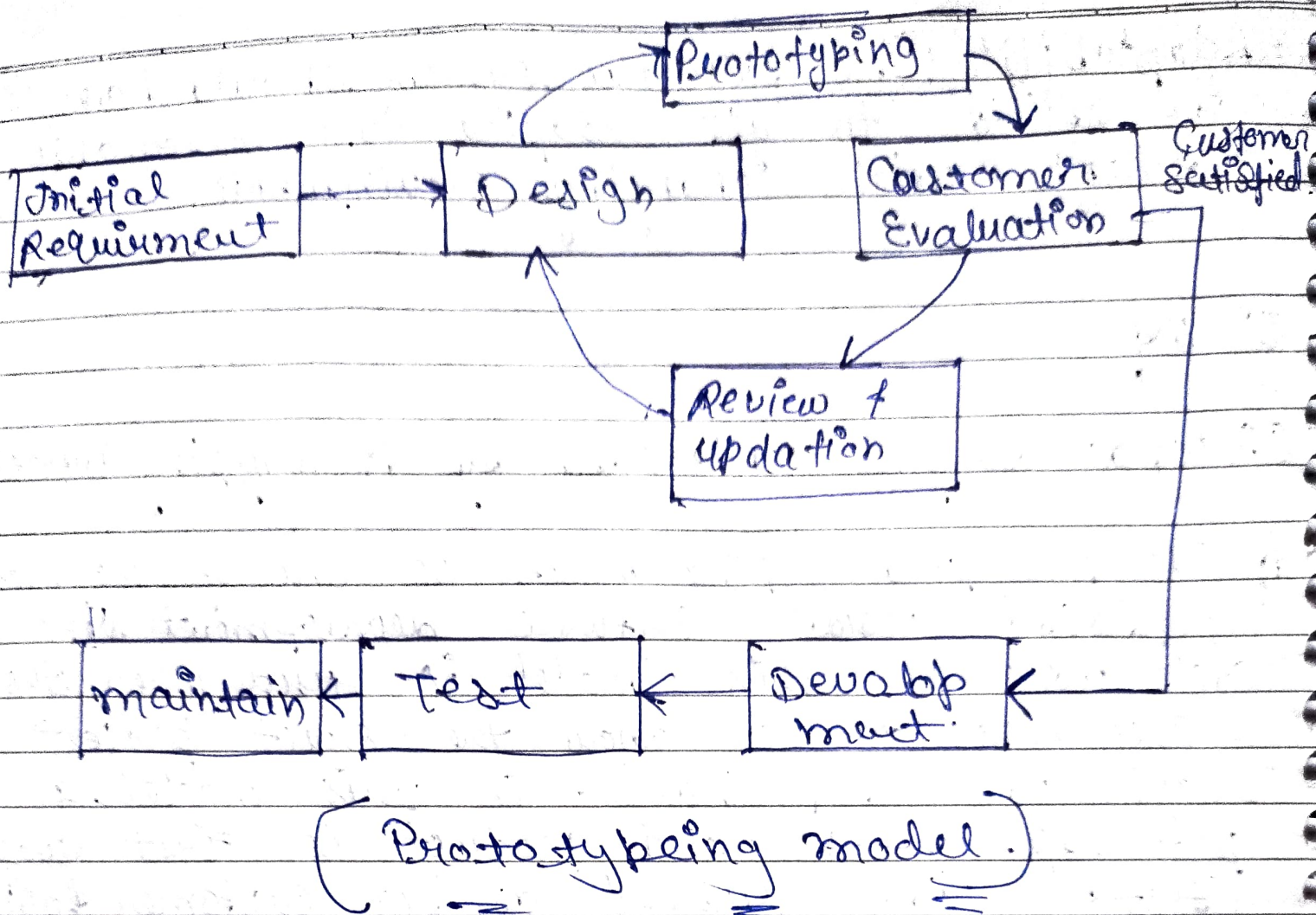
Q2 What do you understand by Prototyping Model?

Ans The prototyping model is one of the most popularly used software development life cycle models. This model is used when the customers do not know the exact project requirements beforehand. In this model, a prototype of the end product is first developed, tested and refined as per customer feedback repeatedly till a final acceptable prototype is achieved which forms the basis for developing the final product.

There are two approaches for this model.

- Rapid throwaway Prototyping \Rightarrow This technique offers a useful way of explaining ideas and getting customer feedback.

- Evolutionary prototyping \Rightarrow In this method the prototyping developed initially is incrementally refined on the basis of customer feedback till it finally gets accepted. In comparison to Rapid throwaway prototyping.



Different types of Case tools

- **Diagramming Tools**: it help in diagrammatic and graphical suprepresentation of the data and system processes.
- **Computer Display and Reports generators**:
- **Analysis Tools**:
- **Central Repository**:
- **Documentation Generators**: