Advantages of Prototyping

User Involvement :- This increases the user involvement in the Product even before implementation.

Understanding System :- Since a working model of the System is displayed, the user get a better Understanding of the System is being Developed.

Reduces Time & Cost :- It Reduces the time and cost as the errors, bugs, defects Can be defected much earlier.

Better Solutions :- Quicker user feedback is available leading to better Solutions.

Functionality Identification :- Miss functionality Can be identified easily.

User Satisfaction :- Confusing or difficult Functions Can be identified earlier which give a Satisfaction to user.

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Disadvantages of Prototyping

- **Insufficient Requirement :-** Risk of insufficient Requirement analysis owing to much dependency on prototyping.

- **Confusion By Prototype :-** Users may get confused in the prototypes and actual systems.

- **Rise System Complexity :-** As the Scope of the System may expand beyond original plans which increases the Complexity of the System.

- **No Technically feasible prototype :-** Developers may try to reuse the existing prototypes to build the actual System, even when it is not technically feasible.

- **More Efforts Required :-** If Requirements are monitored properly, the efforts invested in building Prototype may be too much.

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