

What is heuristics?

Heuristics refers to a non-optimal solution for experience-based techniques to solve problems, learning, and discovery.

Heuristics of Software Testability

- **Controllability** - Software and hardware states can be controlled by test engineers and the Software modules can be tested independently
- **Observability** - Check for the object or System states and all other factors affecting the output.
- **Availability** - Check if Source code is accessible as product evolves in stages.
- **Simplicity** - Check if the design is consistent. Check for functional simplicity, structural simplicity and code simplicity.
- **Stability** - Check if the Changes to the software are infrequent and changes are controlled and communicated.

Heuristics Interface for User Interface Design *UID*

- Visibility of system status
- Match between system and the real world
- Consistency and standards
- Error prevention
- Flexibility and efficiency of use
- Aesthetic and minimalist design
- Help and documentation