

Week 2 Questions

1. Describe how interface researchers apply the scientific method (controlled experimentation) to validate their designs.
2. What are the weaknesses of controlled experimentation?
3. Name the usability measures that can be used to produce a practical evaluation of a system. Keep the goals of efficiency and satisfaction in mind with these measures.
4. Name some reasons why the interfaces for electronic health records (EHRs) have remained hard to use. (From article “User Unfriendly”)

Terms and Concepts to Know:

1. Time to learn
2. Speed of performance
3. Rate of Error
4. Retention over time
5. Subjective satisfaction
6. Design Plasticity
7. Life critical systems
8. Controlled Experiment