Usability Evaluation Planning Document

What is to be evaluated?

Why is this to be evaluated?

- make comparisons/assessments prior to procurement
- analyze/provide feedback on software design
- determine what to include/address/emphasize in training program
- assess/update policies & procedures
- assist in FMEA/RCA/QI project/analysis
- facilitate (re)design of work environment
- replicate manufacturer’s testing
- other:

What evaluation methods will be used?

- heuristic evaluation
- simulation/role playing
- field study/observation
- questionnaires
- interviews
- focus groups
- rapid reflection
- other:

Who will participate as end users?

CPOE Implementation in ICUs
-- Usability Evaluations of HIT
Who will conduct the evaluation?

Where will the evaluation be performed?

What do we want to collect?

☐ demographics (age, gender, education, roles in organization, etc.)
☐ ability to perform task(s)
☐ baseline measures (e.g., previous task-related computer skills)
☐ task completion time
☐ number of key strokes
☐ number of errors
☐ number of screen flips
☐ number of alarms
☐ measurement of ____________________
☐ subjective ratings
☐ user comments
☐ other:

What are benchmarks against which the data will be compared?

How do we intend to analyze the data?

To whom will findings be reported?