Phase 4 Grade Sheet: Group ______

A. Evaluation Goals and Usability Specification: (15 points)
   __ States critical features/scenarios/claims (1 points)
   __ Indicates why it’s important to evaluate (3 points)
   __ Provides a usability specification for each, including a metric and worst case, planned case, and best case values (8 points)
   __ Clearly explains metrics (3 points)

B. Rationale and Design of Tests: (25 points)
   __ Indicates either one evaluation or two (1 point)
   __ One evaluation is an empirical study (1 point)
   __ For each evaluation, states analytic or empirical and indicates a specific method (1 point)
   __ Justification for method is clear and logical (2 points)
   __ Describes general characteristics of users/experts recruited (1 points)
   __ Indicates how users/experts were recruited (1 points)
   __ Provides a detailed explanation of procedures: informed consent, instructions, pre/post tests, background questionnaires, guidelines/heuristics used, surveys, forms, use of think-aloud, etc. (8 points)
   __ Details about tasks completed: number of tasks, level of difficulty, time required, amount of information provided to the user/expert, user’/s/expert’/s responsibilities (4 points)
   __ Indicates all metrics collected (1 point)
   __ Describes how metrics were collected during the evaluation (1 points)
   __ Explains data storage – what was used to store data, how it was entered, etc. (1 points)
   __ Indicates methods used for analyzing data (2 points)
   __ Indicates tools used in analyzing data (1 points)

C. Results: (40 points)
   __ Describes user population – number of subjects, drop-outs, ignored data (1 points)
   __ Reports important averages from demographic data (2 points)
   __ Indicates each metric collected (1 point)
   __ Clearly written summary of each metric’s results (2 points)
   __ Reports each quantitative metric, including important numeric values - averages, standard deviations, F-values, p-values (2 points)
__ Summarizes the results from each qualitative metric (2 points)
__ Relates results to each usability specification (6 points)
__ Comments on specifications that are not at a satisfactory level (3 points)
__ Reflects on what needs to be improved (4 points)
__ Includes a listing of usability problems identified (2 points)
__ Describes each problem clearly and concisely (5 points)
__ Indicates the changes that need to be made (4 points)
__ Prioritizes the list of changes using at least a high and low priority (2 points)
__ Reflects on the cost of each change (2 points)
__ Reflects on the benefit of each change (2 points)

   __ Indicates what went well (4 points)
   __ Indicates what could have gone better (4 points)
   __ Indicates the most surprising thing learned (4 points)
   __ Reflects on the time spent prototyping and evaluating (3 points)

E. **Appendix (5 points)**
   __ Includes a blank copy of all the forms used in the experiment

Comments: