

CS 446: Prototype Assessment Rubric

Program Utility <input type="checkbox"/> Solves a real world problem <input type="checkbox"/> Creative , original solution to the problem not currently available	Great, I want to buy it once it is finished	Creative and original	Resembles other programs that currently solve the same problem	Unable to figure out why someone would want to use the program
Appropriateness to target user <input type="checkbox"/> Prototype uses terms and symbols appropriate to target user <input type="checkbox"/> Look and feel appropriate to target user <input type="checkbox"/> Usability appropriate to target user	Perfect for target user	Designed for a well defined target user	Prototype designed without well-defined target user in mind	Designed for a computer science male, 20ish, computer science major
Prototype's Interaction Usability <input type="checkbox"/> User interface uses a simple and natural interaction style <input type="checkbox"/> User interface minimizes need to memorize	Intuitive, easy to learn, and easy to use	Easy to use once you learn it	Hard to use	Hard to figure out how to even get started using the prototype
Completeness: Breadth of Interface <input type="checkbox"/> Multiple features present in the interface (even if they are faked) <input type="checkbox"/> Prototype features go beyond a minimal implementation <input type="checkbox"/> Well thought out feature set	WOW – you provided a complete feature set in a horizontal prototype– with no extra fluff!	Your project was <i>too</i> easy to stretch your imagination but your feature set is complete	Your prototype lacks one or two important features that it should provide	Too much still remain to be done to evaluate the usefulness of the GUI
Completeness: Depth of Interface <input type="checkbox"/> All program features appear to be complete (even if they are faked) <input type="checkbox"/> No bugs apparent during demonstration	Everything needed in a vertical prototype is included	The working of some of the minor features is unclear	The working of some of the important features is unclear	Multiple features still do not exist in the prototype
Sophistication of Interface <input type="checkbox"/> Hard problem tackled with non-trivial solution <input type="checkbox"/> Non-interface features <i>faked</i> effectively	You took on a hard problem and had great ideas for solving it	Medium problem difficulty	Routine solution that should have been re-thought to provide more interesting challenges	Looks like a typical 2-week student project
Prototype's Graphical Design <input type="checkbox"/> Prototype is visually appealing <input type="checkbox"/> Components are laid out sensibly on the screen <input type="checkbox"/> Prototype's appearance is appropriate to target user	Great use of colors, fonts, graphics, and layout	Pleasant looking, clean, well organized GUI	Boring <i>or</i> Overly cluttered interface	User interface design seems inappropriate for problem area
Creativity <input type="checkbox"/> User interaction with prototype is creative <input type="checkbox"/> Feedback to user is creative <input type="checkbox"/> Interaction with prototype is intuitive and fun	You created a novel user interface that is natural to use	A few interesting tweaks to the conventional GUI interface	Some playful graphics and/or colors, but essentially a run of the mill windows GUI	Looks like a zillion other programs
Prototype's Feedback to User <input type="checkbox"/> Prototype provides clear feedback to user actions <input type="checkbox"/> Prototype provides clearly marked exit paths <input type="checkbox"/> Prototype provides error messages	Clear feedback, useful help, and error checking features are provided	Most actions provided clear feedback	Some actions lacked feedback	Many actions lacked feedback or error handling

Comments: