

Department of Computer Science and Engineering
College of Engineering, University of Nevada, Reno
CS 420/620 Human-Computer Interaction

Assignment #3

October 23, 2012

Due: Wednesday, November 7, 8:00 pm (by email)
Points: 50
Weight in course grade: 5%

Software Tool: User Interface Builder

For this assignment select and exercise a software tool that supports the construction of user-computer interfaces. Work with this tool on some simple application(s) and write a description of the tool's main characteristics and applicability (between 600 and 1000 words).

Indicate the selected tool's name, the company that produces it, the current status of the tool, and its availability. Then, describe its functions, organization, capabilities, and intended areas of applications. Using a set of at least five evaluation criteria indicate your personal opinions on the tool and provide recommendations for its potential users. To give an idea of the "look and feel" of the selected HCI tool you should also include at least four snapshots of the tool "in action", with associated descriptions.

Examples of possible tools include but are not limited to: Microsoft Visual Studio, Microsoft Expression Interactive Designer, Microsoft C# Express Edition, Microsoft Expression Web, Macromedia Dreamweaver, Macromedia Fireworks, ArcPad Application Builder, MIDP (Mobile Information Device Profile) User Interface, Python wxGlade, Apple xCode IDE, QT Designer GUI Builder, Adobe GoLive, Game Maker, Blender, Hammer World Editor, Carrara Studio, Genesis32.

Send the assignment by email to the instructor as a single PDF file, named **A3_YourLastName**.