CSC 441 Rubric: Human-Computer Interaction

The following rubric is used to assess the level of student learning in CSC 441 as it relates to creating and updating an HCI design.

- For purposes of computing an assignment grade, any criteria deemed **Unacceptable** shall have a numeric value of (50%).
- An **Unacceptable** grade is earned when the evaluation deems the work submitted is worse than what is stated as **Acceptable**.
- All criteria are weighted equally when averaging for an assignment grade.

Criteria	Acceptable (C=75%)	Better (B=85%)	Best (A=100%)
Efficiency	• Some scrolling is required to view all content. • Number of user actions required to navigate through pages is far from optimal. • Amount of informational text displayed is not minimal and not completely understandable.	• Same as *Best*. • Number of user actions required to navigate through pages is close to optimal. • Amount of informational text displayed is minimal but not completely understandable.	• No scrolling required to view all content. • Number of user actions required to navigate through pages is optimal. • Amount of informational text displayed is minimal and understandable.
Learnability	• Design uses many non-standard UI objects and metaphors. • Use of HCI is not completely intuitive • Design has many inconsistencies across all interactions.	• Design uses one non-standard UI object or metaphor. • Same as *Best*. • Design has one inconsistency across all interactions.	• Design uses standard UI objects and metaphors. • Use of HCI is intuitive. • Design is consistent across all interactions.
Utility	• Most information pertains to purpose of an interaction. • Design has flaws in logical flow between interactions.	• Most information pertains to purpose of an interaction. • Same as *Best*.	• All information pertains to purpose of an interaction. • Design has logical flow between interactions.
State Machine Diagram (SMD)	• Same as *Best*. • SMD has two or more inconsistencies when compared to the UI design.	• Same as *Best*. • SMD has one inconsistency when compared to the UI design.	• All notations are appropriate for a UML SMD. • SMD accurately represents the UI design. •