

**IT 331: Milestone Two Guidelines and Rubric**

**Overview:** In this milestone, you will assess the human-computer interaction (HCI) of your selected application. Your submission should include related research and best practices, along with recommendations for best practices, using appropriate HCI terminology.

Specifically, the following elements must be addressed:

- An analysis of the application’s functionality with respect to HCI best practices
- An analysis of how the application accounts for cognitive load
- An analysis of the impact of human factors on the use of the application
- An analysis of whether the application demonstrates compliance with accessibility guidelines
- Recommendations for improving the application’s HCI with respect to functionality, cognitive load, human factors, and accessibility

**Guidelines for Submission:** This milestone should be submitted as a two- to four-page Word document that uses double spacing, 12-point Times New Roman font, one-inch margins, and APA style for any citations.

Critical Elements	Proficient (100%)	Needs Improvement (70%)	Not Evident (0%)	Value
<b>Analysis: Functionality</b>	Assesses functionality of the application with respect to HCI best practices and justifies position with specific examples	Assesses functionality of the application but does not address HCI best practices or does not justify position with specific examples	Does not assess functionality of the application	15
<b>Analysis: Cognitive Load</b>	Comprehensively discusses how the application accounts for human cognitive and sensory capabilities with regard to HCI best practices and justifies position with specific examples	Discusses how the application accounts for human cognitive and sensory capabilities but does not address HCI best practices or does not justify position with specific examples	Does not discuss how the application accounts for human cognitive and sensory capabilities	15
<b>Analysis: Human Factors</b>	Comprehensively describes the impact of human factors on the audience’s use of application	Describes the impact of human factors on the audience’s use of application, but description lacks detail or is not accurate	Does not describe the impact of human factors on the audience’s use of application	15
<b>Analysis: Accessibility</b>	Discusses whether application demonstrates compliance with accessibility guidelines and justifies position with specific examples	Discusses whether application demonstrates compliance with accessibility guidelines, but does not justify position with specific examples	Does not discuss whether application demonstrates compliance with accessibility guidelines	15
<b>Recommendations</b>	Recommends specific changes for improving application’s HCI with respect to functionality, cognitive load, human factors, and accessibility	Recommends changes for improving application’s HCI with respect to functionality, cognitive load, human factors, and accessibility, but description lacks detail or is incomplete	Does not recommend specific changes for improving application’s HCI with respect to functionality, cognitive load, human factors, and accessibility	40
<b>Earned Total</b>				<b>100%</b>