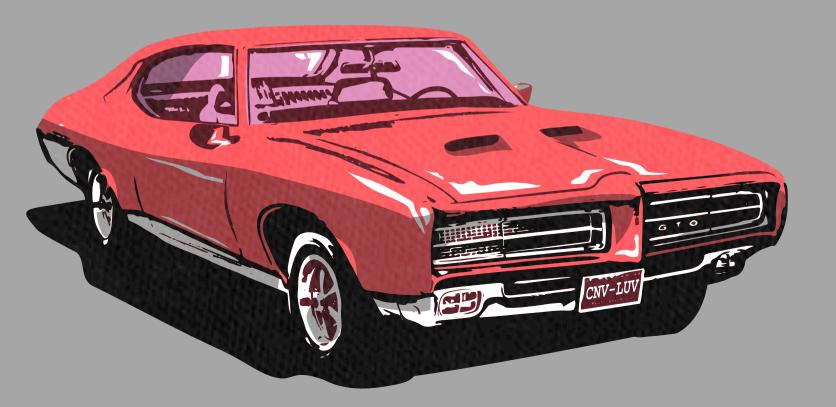# SDLC and HCi in Software Design

This week, you read about HCI and SDLC. Both have multiple characteristics that can be used in software development. Which ones are the most important for this class? (This is a personal opinion, but remember to use two references to support your point of view.)

MY RESPONSE

SDLC and HCI in software design have multiple characteristics that can be used in software development, such as requirements analysis and user-centered design. Human-computer interaction (HCI) studies designing, implementing, and evaluating the interactive interfaces humans and computers use. People specializing in HCI think about designing and implementing computer systems that satisfy human users (Fawcett, 2021). SDLC provides a well-structured flow of phases that help an organization quickly produce high-quality software that is well-tested and ready for production use (n.d, 2023). Incorporating HCI and SDLC characteristics into software development can lead to an approach prioritizing user experience and technical quality. Both are important for this class, but HCI is the most important. HCI focuses on the interactions between humans and computers to design user-friendly and compelling interfaces for software applications and systems.

Fawcett, A. (2021, February 12). *Introduction to Human-Computer Interaction & Design Principles*. Educative. Retrieved August 23, 2023, from https://www.educative.io/blog/intro-human-computer-interaction
A. (2023, March 10). *What Is SDLC? Understand the Software Development Life Cycle*. Stackify. Retrieved August 23, 2023, from https://stackify.com/what-is-sdlc/