The software development life cycle (SDLC) describes the steps that software developers take to create high-quality software. The SDLC is a framework for describing the tasks that must be completed throughout each step of software development. When designing and building apps, organizations can use the SDLC process to give structure.

This life cycle serves as a framework for numerous software development processes such as designing, developing, and maintaining software applications. It also includes an approach for improving an organization's software application quality. A range of SDLC process models are available to help organizations adopt a successful software development strategy.

