**What are UML diagrams?**

UML, which stands for [Unified Modeling Language](https://www.lucidchart.com/pages/what-is-UML-unified-modeling-language?anonId=0.a524a0b21908223d077&sessionDate=2024-07-05T09%3A05%3A13.777Z&sessionId=0.2d58c8391908223d07a), is a way to visually represent the architecture, design, and implementation of complex software systems. When you’re writing code, there are thousands of lines in an application, and it’s difficult to keep track of the relationships and hierarchies within a software system. UML diagrams divide that software system into components and subcomponents.