**System Design**

* System Design is the process of designing the architecture, components, and interfaces for a system so that it meets the end-user requirements.
* Importance in Software Development:

Building a successful application goes beyond just having functional features. It is also about ensuring the system can withstand real-world conditions. A well-designed system is not only reliable and scalable but also easy to maintain and evolve as the requirements change. As applications grow in complexity, designing them with scalability, performance, and availability in mind becomes important.

A diagram of a step

Description automatically generated

