CONSIDERATIONS FOR INPUT SYSTEMS DESIGN

Input is the foundation for any system, and to ensure quality output requires quality input. Of course, the various types of input may vary depending on use case but we’ll see that later. Any effective input system will be weighed against criteria’s such as:

User-Interface & User-Experience

* features like auto-completion or suggesting frequently used information. This reduces the amount of data users need to manually enter, saving time and effort.
* clear labels, instructions, and field descriptions ensure users understand what data is needed.

Data-Entry standards

* Built-in validation checks for data format, range, or specific criteria catch errors at the point of entry.

Flow

* structure the input process in a way that mimics the natural flow of how users would think about the information being entered. Group related fields together and follow a clear, step-by-step approach.