What is design thinking?

Design thinking is a process of finding creative and innovative solutions to problems. These problems could be as simple as designing a door handle or as complex as structuring a space rocket. the end goal is to make innovative yet convenient designs for the problem.

Who uses design thinking?

Design thinking is for everyone who is trying to solve some kind of problem. It is not only a designer's role to come up with innovative solutions, but anyone who is a developer, marketer, researcher, or scientist working to build or test a process or product uses design thinking.

Why is design thinking used?

The design thinking approach is more focused on HCD i.e. human-centered design. Which means that it keeps the need of a customer above anything thing else and then build the solution using the design thinking process. This approach is important because the end goal is to satisfy the customer's needs.

What steps does the process of design thinking include?

There are basically five steps in the design thinking process.

- Empathize

  This process focuses on defining who is your user and identifying their requirements and needs.

- Define

  This process focuses on the user's requirement and the defining the problem which is needed to be solved.

- Ideate

  This process focuses on generating ideas and brainstorming solutions for the problem.

- Prototype

  This process focuses on making a prototype or working model of the final solution

- Test

  This process focuses on testing the prototype on certain constraints and evaluating it again and again.