Definitions of Design Thinking:

➤ Design thinking is a methodology that designers use to brainstorm and solve complex problems related to Designing and Design engineering.

Or

➤ Design thinking is a human- centered approach to innovation that draws from the designer's toolkit to integrate the needs of people , the possibilities of technology, and the requirements for business success—Tim Brown CEO of IDEO

Or

➤ There is no general agreement on precise definition of design thinking. There are variations across disciplinary cultures, and different meanings depending on its context

Or

➤ A process that results in a plan of action to improve situation

Or

➤ An approach that frames problems creatively and generates innovative solutions , strategies , systems and paradigms at the nexus of domain

Or

➤ Design thinking is a human centered innovation process that emphasizes observations, collaboration, fast learning, visualization and rough prototyping. The objective is to solve not only the stated problems at hand, but the real problems behind the obvious—Thomas Lockwood

Or

➤ Design thinking refers to creative strategies designers utilize during the process of designing

Or

➤ Design thinking can be described as a discipline that uses the designer's sensibility and methods to match peoples' needs with what is technologically feasible and what a viable business strategy can convert into customer value and market opportunity---Tim brown

The Design Thinking process can be broken down into five simple steps:

1. **Empathize** - Understand the needs and wants of your customer.

2. **Define** - Reframe the problem and create a clear problem statement.

3. **Ideate** - Brainstorm and generate a wide range of solutions.

4. **Prototype** - Create a prototype of the best solution.

5. **Test** - Test the prototype with end users and gather feedback.

The step Mr. Ram is currently working on is the "Empathize" step in the design thinking process. This involves conducting research and gaining a deep understanding of the target market's needs, preferences, and challenges to better design a product that addresses their specific requirements.

9:15 pm

Aspect	Empathy	Sympathy
Definition	Understanding and sharing another's feelings	Feeling compassion or pity for another's struggles
Perspective	Seeing things from another's viewpoint	Acknowledging someone's difficulties
Depth of Connection	Deeper emotional connection, shared feelings	Caring and concern, but not necessarily emotional connection
Active/ Passive	Active engagement in understanding emotions	Passive acknowledgment of emotions
Emotional Involvement	Personally feeling another's emotions	Caring about another's emotions without necessarily feeling

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What is the importance of empathy stage in design thinking? ^

1. Empathize. Empathy is the first step in design thinking because it is a skill that **allows us to understand and share the same feelings that others feel.** Through empathy, we are able to put ourselves in other people's shoes and connect with how they might be feeling about their problem, circumstance, or situation.

Divergence vs convergence

Divergence and convergence are like the inhale and exhale of the design thinking process. **Divergence creates space and possibilities, while convergence brings focus and direction.** 23-Feb-2023

1. **Divergent Thinking:**

   This is the phase where ideas are generated and expanded upon. It involves brainstorming, exploring various possibilities, and encouraging creative thinking without judgment. The goal is to produce a wide range of potential solutions or concepts, fostering a free-flow of ideas.

2. **Convergent Thinking:**

   In this stage, the focus shifts from generating many ideas to selecting the most promising ones. It involves evaluating the ideas generated during the divergent phase and narrowing them down based on specific criteria. Convergent thinking helps identify the most feasible, viable, and desirable solutions that align with the project's goals.

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