

DESIGN:

What does it mean to you?

DESIGN:

a plan; a way of thinking about creative endeavors;
or a process-based approach to creative problem solving.

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DESIGN STAGES:

simple: question/answer or analysis/synthesis

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simple: question/answer or analysis/synthesis

complex:

definition/research/ideation/prototypes/analysis/implementation

DESIGN STAGES: a closer look

definition/research/ideation/prototypes/analysis/implementation

- establishing what the problem is: establishing the who-what-when-where-why-how; defining the criteria that frame the possibilities for successful solutions.

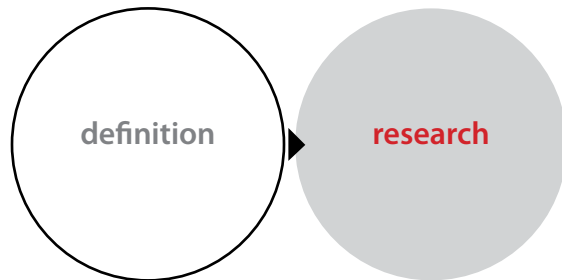


definition

DESIGN STAGES: a closer look

definition/**research**/ideation/prototypes/analysis/implementation

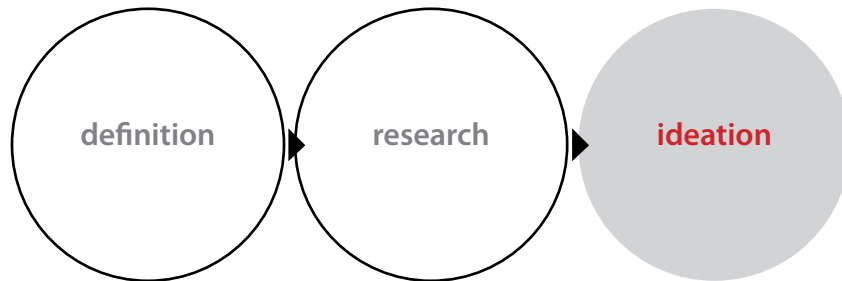
- the search for information to feed the creative process;
quantitative or qualitative information gathering related
to the problem definition.



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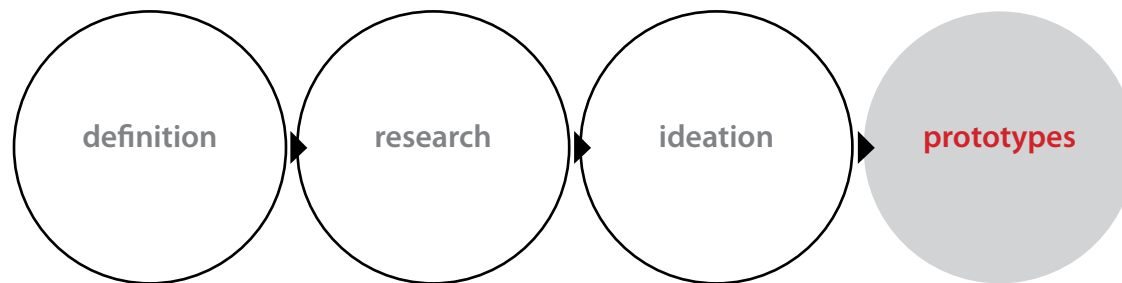
- the creation of possible solutions; using various methods including brainstorming, mindmapping, sketching, transformation, adaptation, listing or other techniques.



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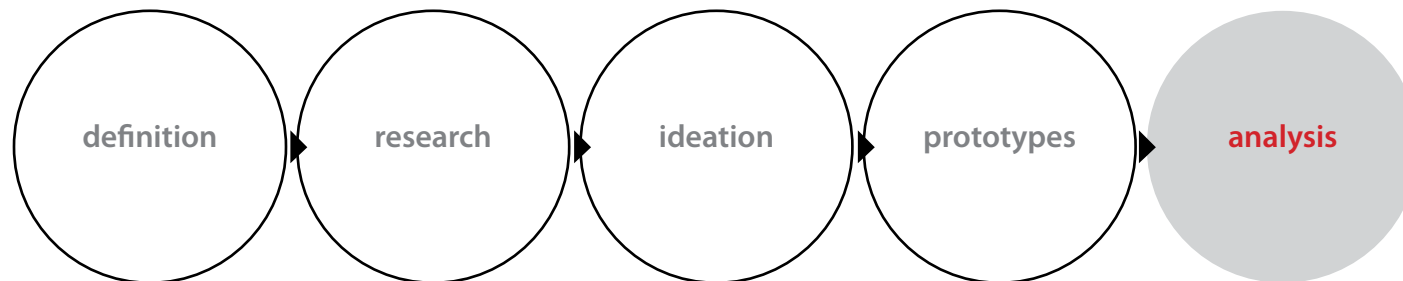
- the development and resolution of potential solutions; the form of the prototypes will depend on the nature of the design project; prototyping happens repeatedly (iterative).



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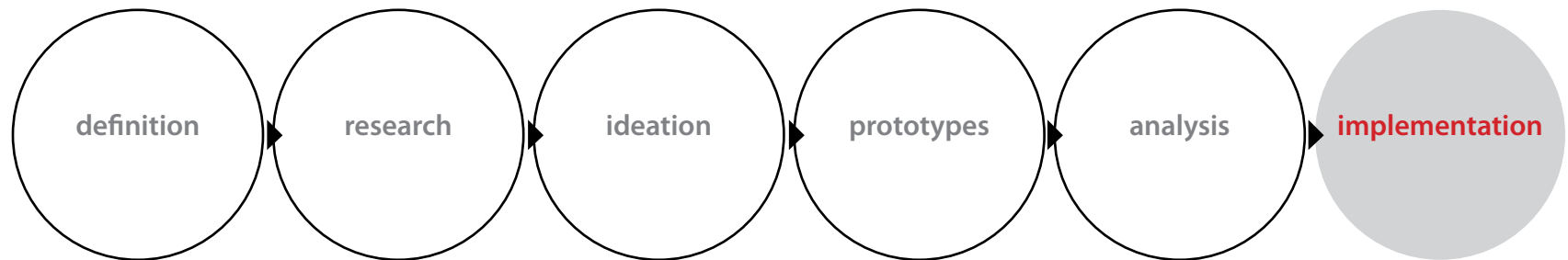
- the evaluation of the fitness of potential solutions; this stage is revisited many times during the iterative development of a solution.



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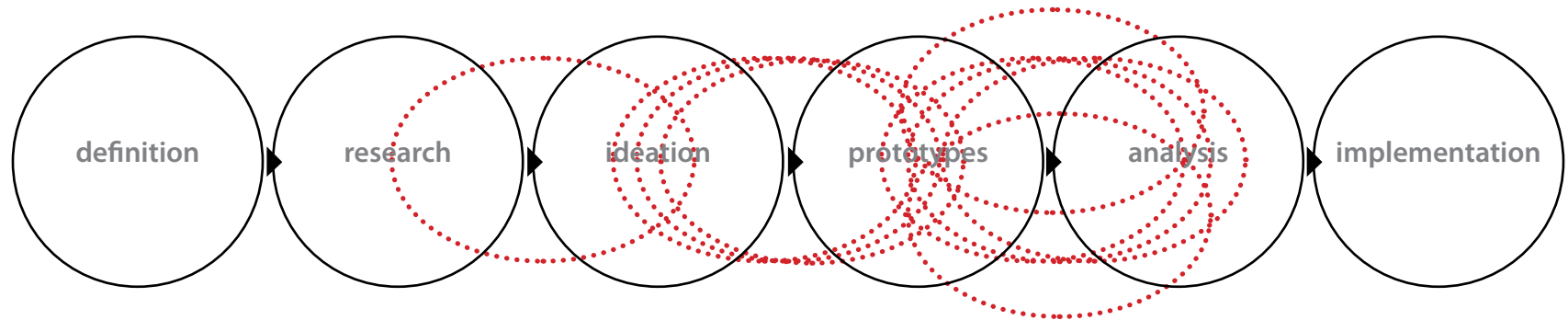
– the delivery of a design solution; the final development phase for the designer; the start of manufacturing.



DESIGN STAGES: a closer look

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In practice, design is messy, and usually has much more of a back-and-forth between stages. Design can go on indefinitely—constraints like budget or deadlines stop the process.





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