

Functional Design Method



Problem Definition



Requirements & Criteria



Divide



Combine



Materialization



Evaluate



Solution

Seven Design Steps

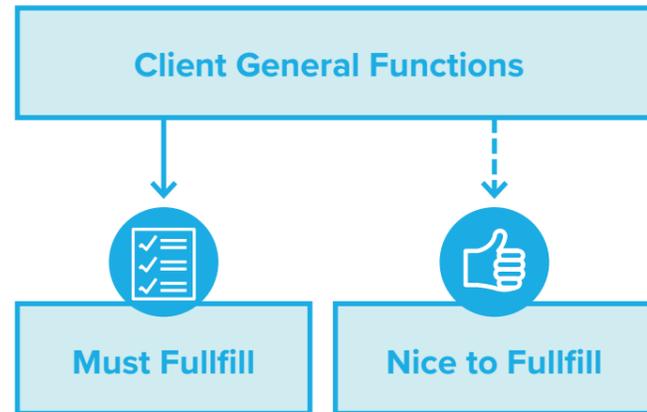
Problem Definition

Define the main problem and translate it into technical problem(s).



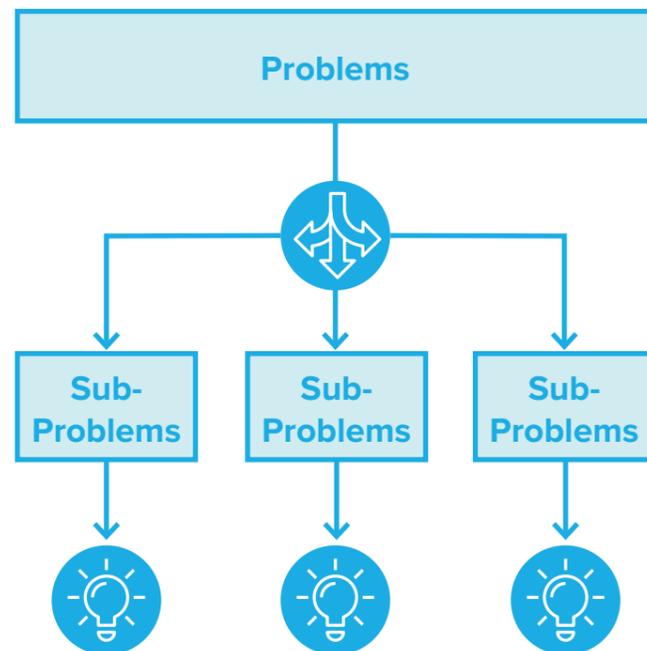
Requirements & Criteria

Determine the requirements and criteria with the clients.



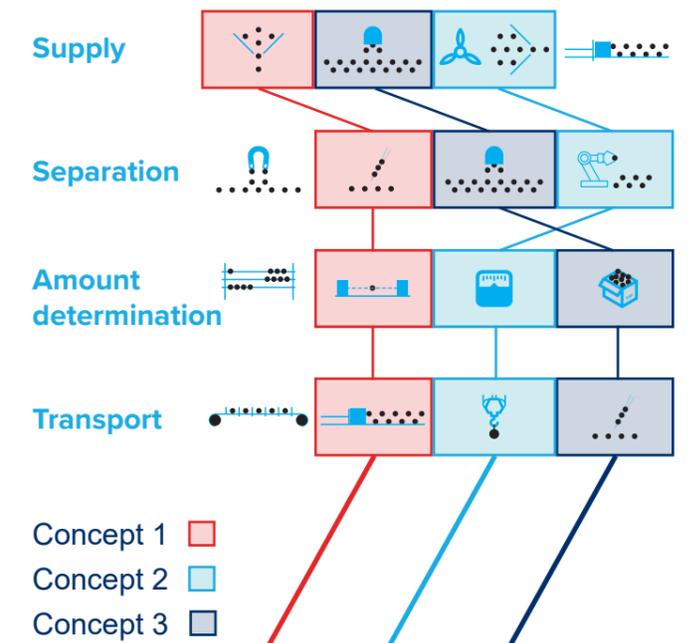
Divide

Divide the main technical problem into sub-problems. Create solutions for each sub-problem.



Combine

Determine the possible methods and choose the most logical combinations.



Materialization

Transform the combinations into concepts: calculate, sketch, estimate, draft, etc.



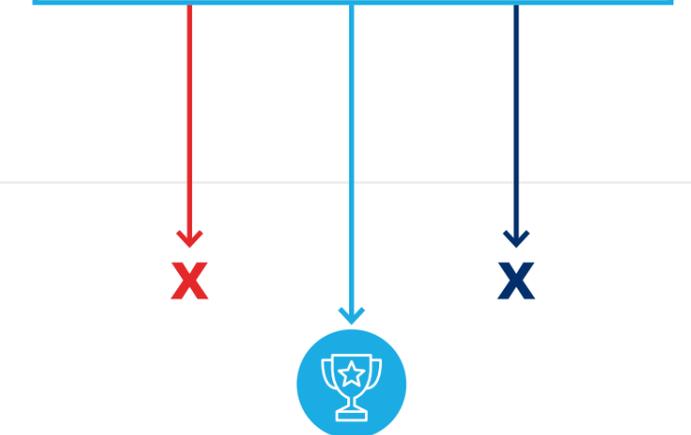
Evaluate

Check if all concepts fulfill the requirements, and evaluate them using the specified criteria.



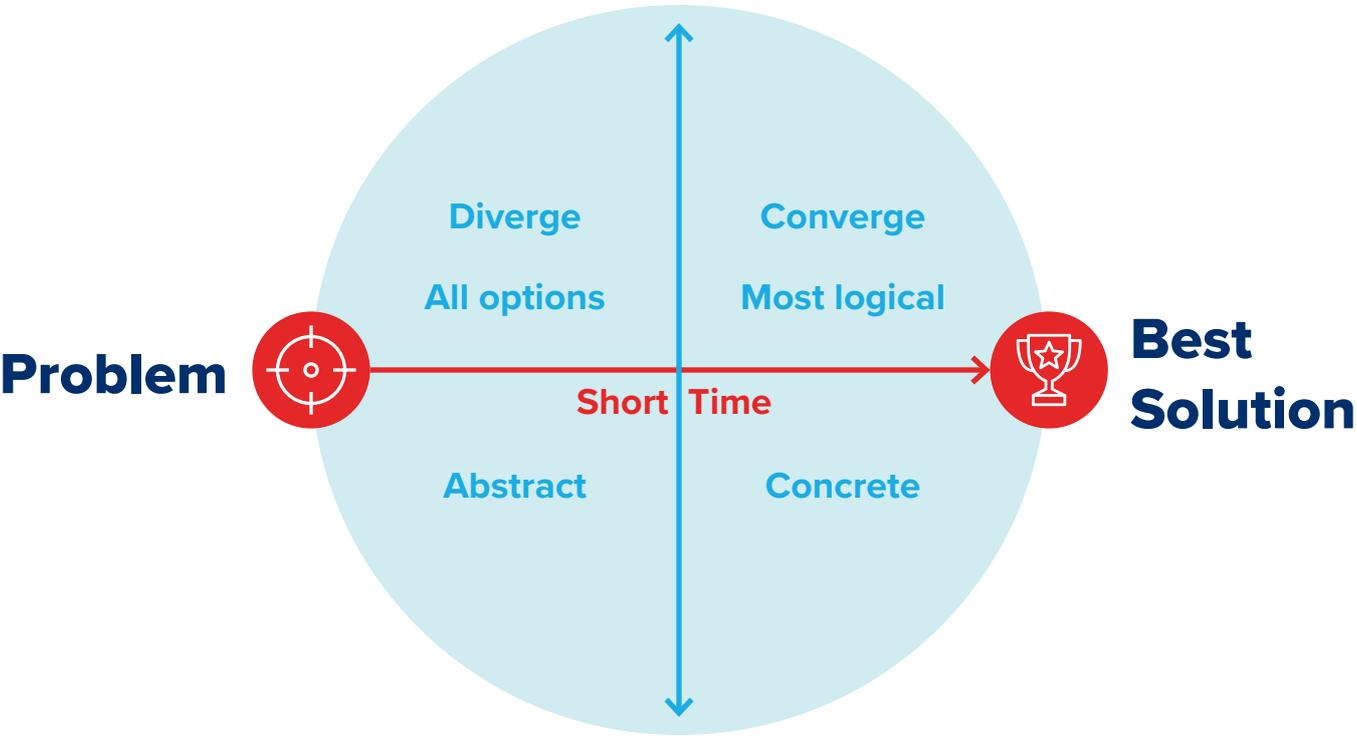
Solution

Engineered to Function!

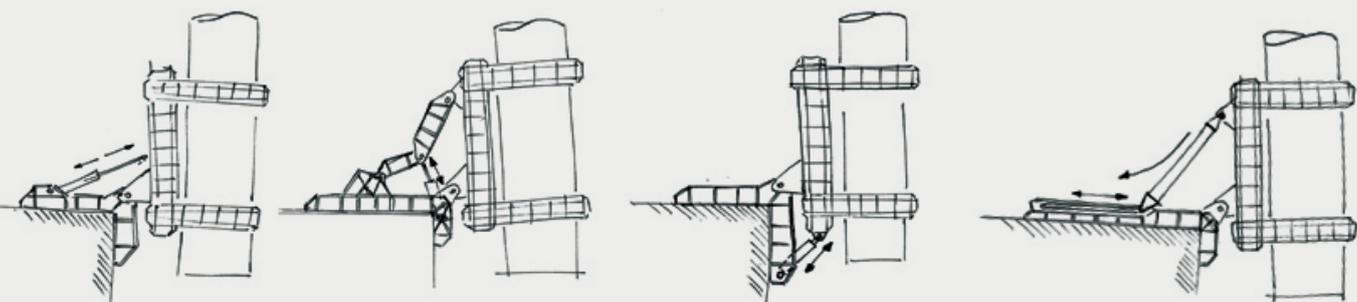




Overview of the Process



Principal sketches of an upending tool



Get in touch!

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