THE CONTEXT OF DESIGN IS CHANGING

The way we design and create new products is changing. The need for more sustainable, user-centered, and inclusive design practices is becoming increasingly important. The landscape of design is evolving, with new technologies and user needs driving innovation. Designers must adapt to these changes to stay relevant and effective in their field.

Overview

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4. PROTOTYPING FOR THE DESIGN SPACES
where we're finding disconnections of deep-seated social issues. At our core, we're often disconnected in our conversations and interactions. The environment we're uncovering is complex and multi-dimensional. Understanding these connections is crucial for developing solutions and creating meaningful change.

What is Disruption

There is a place in discovering what not to do and why not. There is an opportunity to examine what we do and why. We are learning that the disruption that has occurred in the design development process is the result of patterns of disruption in the design framework. Understanding these patterns and their impact is crucial for developing meaningful solutions.

Where is the Risk?

Current communication channels for information and insight are disrupted and disconnected. The environment we're uncovering is complex and multi-dimensional. Understanding these patterns and their impact is crucial for developing meaningful solutions.

What is Changing

The environment in which we're finding disconnections is complex and multi-dimensional. Understanding these connections is crucial for developing solutions and creating meaningful change. As we explore the potential for new communication channels, we must consider how to integrate new technologies and existing systems to create a seamless experience for our audiences.

Design for Transformation

Design for Innovation

Design for Experience

Design for Sustainability

Information Design

Interactivity Design

Imagery Design

Visual Communication Design

The Enduring Design Disciplines

New

Old
A SHORT HISTORICAL PERSPECTIVE ON PROTOTYPING

The concept of prototyping has been around for a long time, with various forms and approaches being used in different industries. The term "prototyping" refers to the process of creating a prototype, which is a preliminary model of a product or system. Prototyping is used to test and validate concepts, ideas, and designs before they are fully developed and manufactured.

In recent years, prototyping has become an essential tool in the design and development process, particularly in the field of human-computer interaction (HCI) and software development. Prototyping allows designers and developers to quickly create and test different designs, concepts, and features, which can help to identify potential issues and improve the overall user experience.

There are various types of prototyping, including paper prototyping, rapid prototyping, and virtual prototyping. Each type of prototyping has its own advantages and disadvantages, and the choice of which one to use depends on the specific project and the needs of the stakeholders.

In addition to being a tool for testing and validation, prototyping is also a form of communication and collaboration. It allows designers and developers to share their ideas and designs with others, and to get feedback and input from stakeholders. This can help to improve the overall quality of the product or system being developed.

Overall, prototyping is an important tool in the design and development process, and is used by designers and developers around the world to create innovative and effective products and systems.
Credit: Elizabeth B. Simpson

The Production Prototyping Cycle (PPC) is a framework for action and a model for conception in design. The PPC is a method for conceiving, making, and enacting a product or idea. It involves four main stages: make, tell, entail, and that.

1. **Make**: This stage involves creating a physical representation of the idea or concept. It could be anything from sketches to prototypes.
2. **Tell**: Once the make stage is complete, the idea or concept is shared with others. This could be through presentations, meetings, or discussions.
3. **Entail**: After the idea is shared, the entail stage involves reflective practice. This is where the idea is analyzed and refined based on feedback and new insights.
4. **Tell**: After the entail stage, the idea is shared again, possibly with more people or in a different context.

The cycle is repeated and improved upon in this way.
First make a note of where you want to place your work before you start. Then, have a plan for what you will do next.

Next, write a specific scenario and then write down the steps. Follow these steps.

First, consider the environment you want to create. Decide on the atmosphere you want to create.

Then, write a story about the people and the situation. Make this story as exciting as possible.

Write a script and create a scenario of what will happen.

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Do you feel like you’re getting nowhere? Do you feel like your progress is slow and frustrating? Are you feeling overwhelmed by the tasks at hand? Are you finding it hard to stay motivated and focused? It’s important to take a step back and evaluate your situation. Are you clear on your goals? Are you taking the necessary steps to achieve them? Are you allowing yourself to feel the emotions that come with progress? Are you celebrating your successes along the way? Remember, progress takes time and effort. It’s okay to feel discouraged at times, but don’t give up. Keep pushing forward and eventually, you will see results. And when you do, remember to celebrate your success! You deserve it!