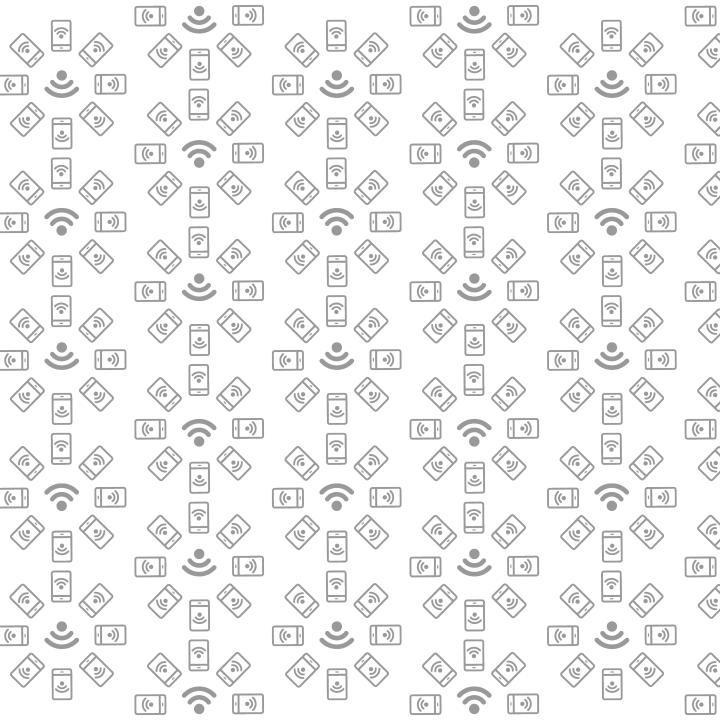
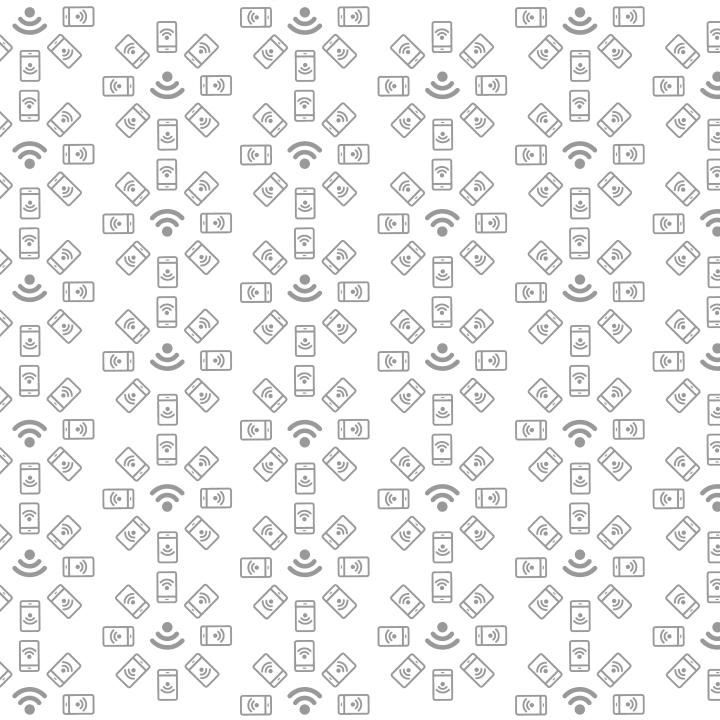


Icons for IoT Devices

A book on exploraion of icons for IoT Based Home Appliances





Exploration in Form 2D Icon and Symbol

2023

Design Exploration Seminar

Designed By

Susovan Gupta

Guided By

Prof. Prasad Bokil

Master of Design

IDC School of Design

INTRODUCTION

In this book a collection of icons and symbols based on 5 different Iot devices are explored in different styles. The IoT based devices are - Smart Curtain, Smart Light, Smart Yoga mat, Smart Yoga Mat, Smart Planter, Smart Coffee Maker.

The future era of IoT-based devices is rapidly approaching and is poised to have a significant impact on the way we interact with objects in our daily lives. IoT or Internet of Things refers to the network of devices that have the ability to connect to the internet, collect and exchange data with each other. Its promise to provide us with unprecedented levels of convenience and control over our environments.

I have designed a set of icons for different IoT-based devices, which will help people better understand the idea and their functions. These icons can be used in various places, such as manuals, user interfaces, and marketing materials, to communicate the features and benefits of IoT devices. The icons are designed in different art styles to cater to different preferences and needs. The refinement for this icon set was done with basic geometric shapes, adding a touch of organic twist, and flat colors were used to give it form and a 2D shape. The icons are instantly recognizable and convey their intended meaning in a clear and concise way, making them a valuable asset for many IoT-based device.

Methodology and Process

The Research

The research done on existing IoT devices to better understand their unique characteristics and functions. I explored upcoming trends and next-generation IoT device, as well as studied existing logos and icons for the latest IoT-based appliances.



The Existing Icon Study

I identified the major art styles that could be used for the project, such as line work, flat color, a mix of line and flat color, and lithographic style. After exploring several directions, I then started to develop the concept for the icons. Keeping in mind that the icons can be used in several senarios.

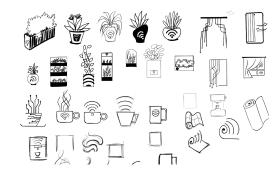


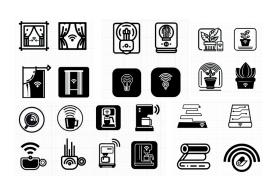
The Concept Development

After developing several concept styles, I refined the icon set using basic geometric shapes and adding a touch of organic twist, and used flat black and white colors to give it form and a 2D shape. The icons are to be instantly recognizable and convey their intended meaning.

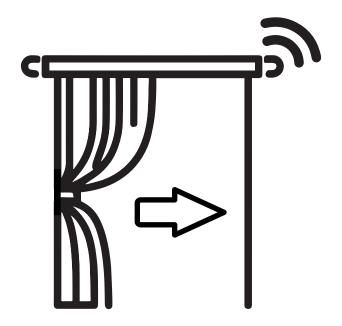


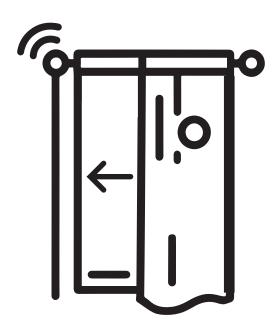
To refine the icons for IoT devices, I digitized and refined them in a vector software program. I used black colour and shapes efficiently and adhered to design principles to ensure harmony , simplicity, and scalability. Through grid systems, alignment tools, and iterative design cycles.





Smart Curtain







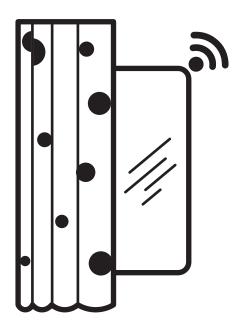


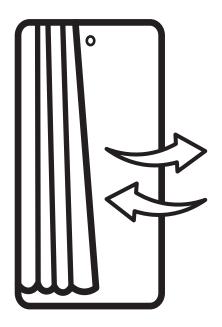


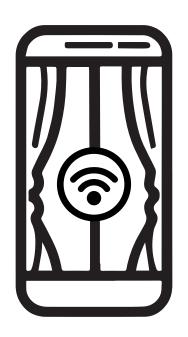


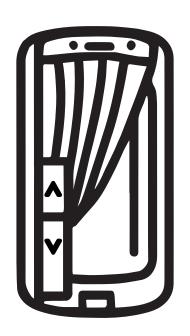




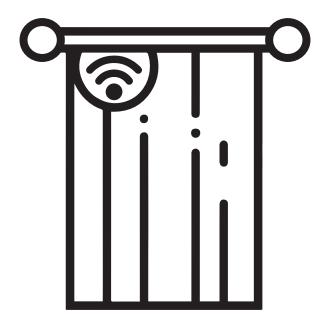


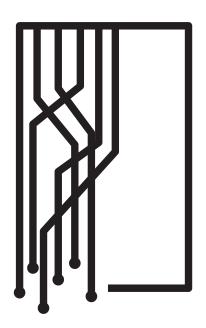


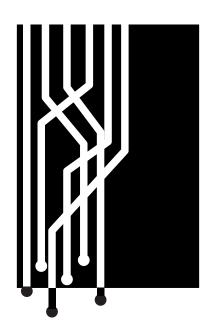










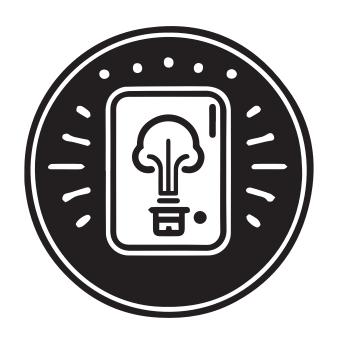


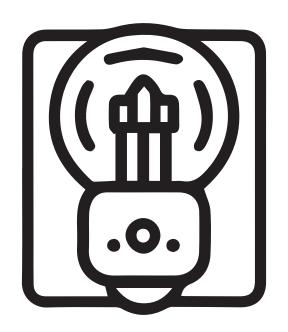


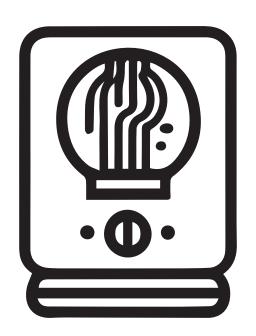


Smart Lighting















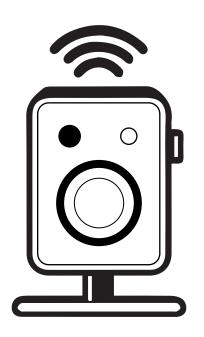


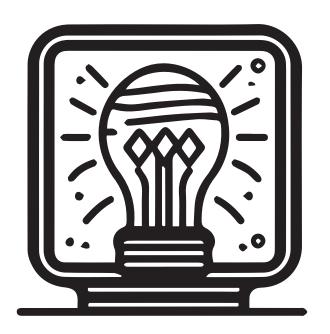








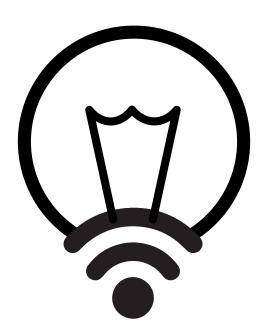






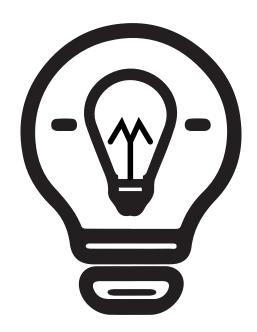


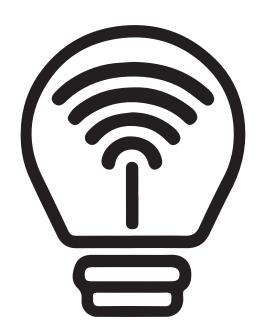


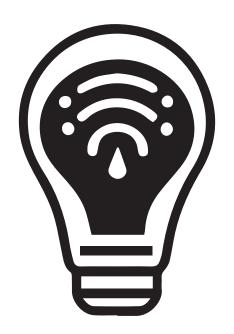






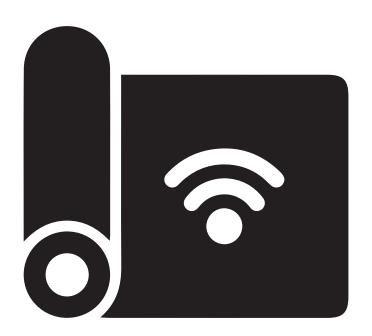


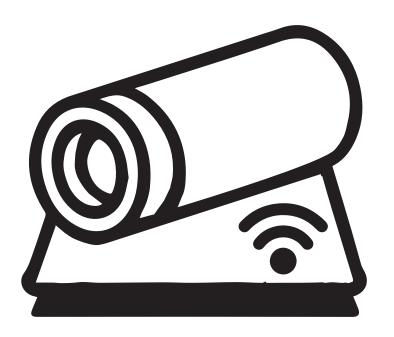


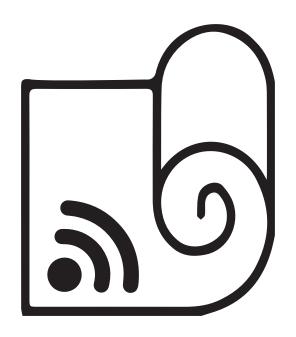




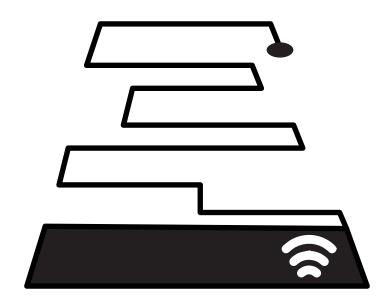
Smart Yoga Mat

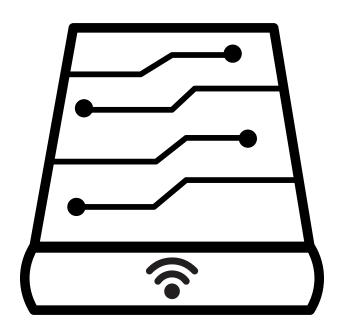












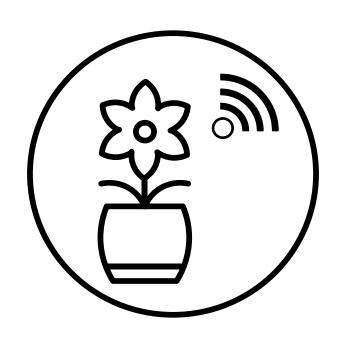




Smart Planter















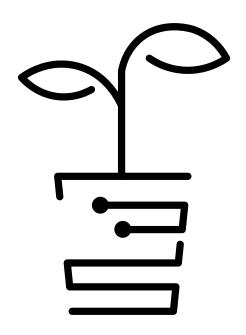




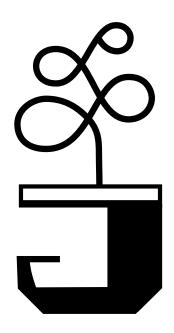


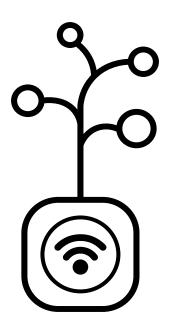
















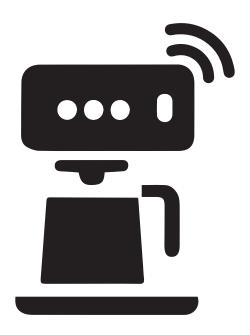


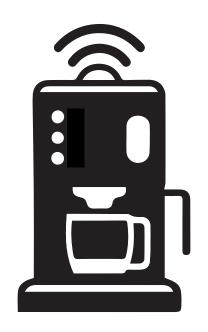




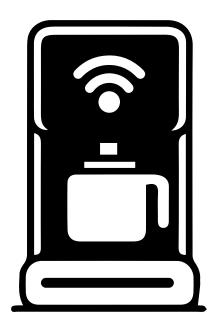


Smart Coffee Maker



















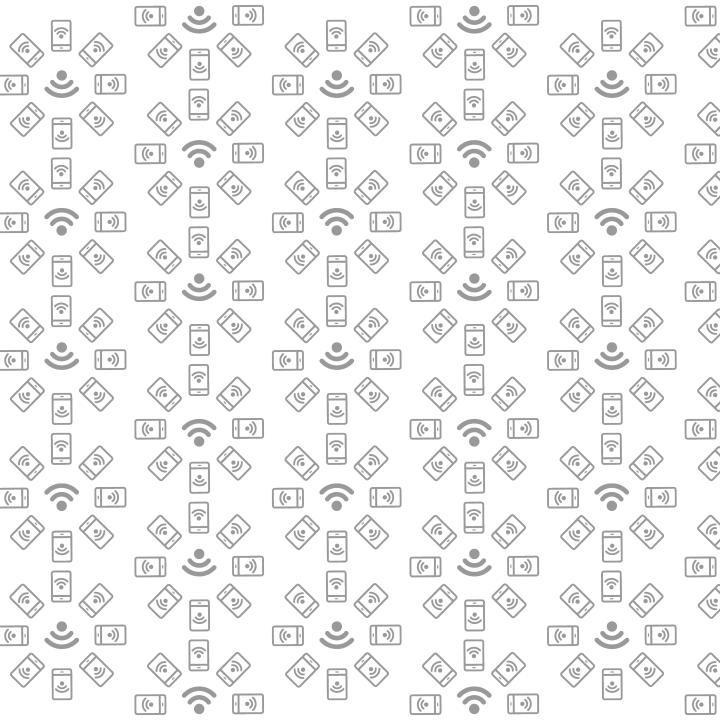


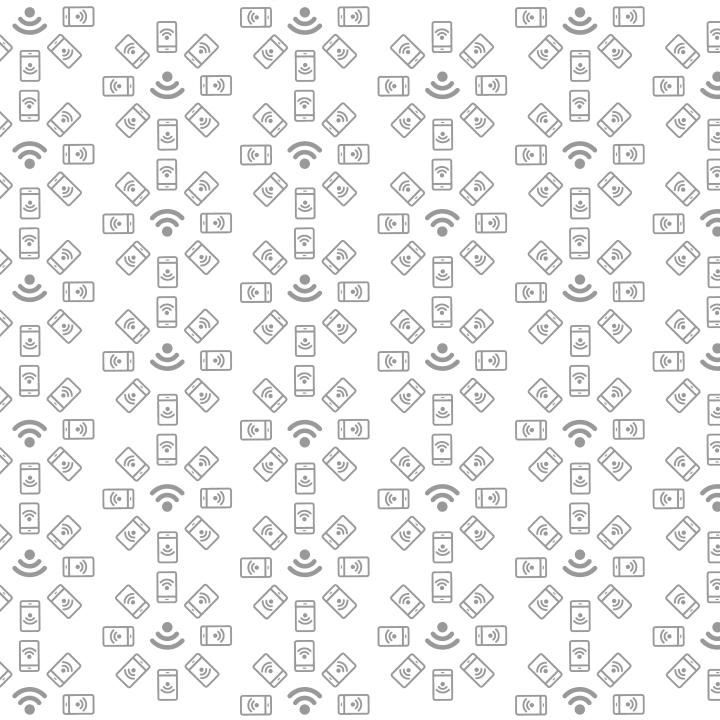


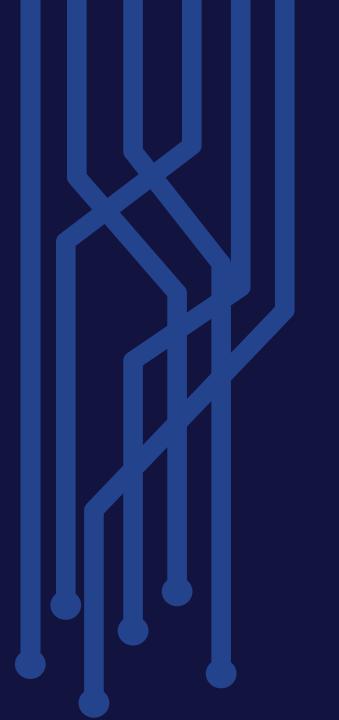












-Susovan Gupta