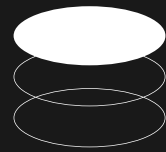




About Me



With nearly a decade of UX design experience at Samsung Electronics, I specialize in creating accessible, user-centered digital experiences across mobile platforms, smart home appliances (IoT), and applications. Having evolved from a GUI designer into an End-to-End Product and Service Designer, my expertise spans UI design, service design, user research, and prototyping.



Mapping out UX opportunities during an ideation session

By leveraging human-centered frameworks—such as Customer Journey Mapping, Service Blueprints, and Pain Point Identification—I bridge design thinking with business objectives to transform deep user insights into successful, market-ready products. To learn more about my work and experience, please visit my LinkedIn Profile : www.linkedin.com/in/bonbon0814

CES 2018 Innovation Award-winner

Family Hub

Smart Home

AI

IoT

01 About Family Hub

Family Hub UX is a high-definition touchscreen mounted on a refrigerator door, providing useful and engaging information for the whole family. The panel's View Inside feature allows users to check their fridge contents on their way home to see what they need for dinner—like checking if they're low on milk. It also helps track expiration dates for food items and leverages Bixby to simplify food management, helping users plan meals like a pro.

02 Role & Contribution

- GUI Trend Research
- Basic rule, Winset, Settings UX Design
- Key Screen Design
- GUI Accessibility & Reachability optimization for all user heights and angles



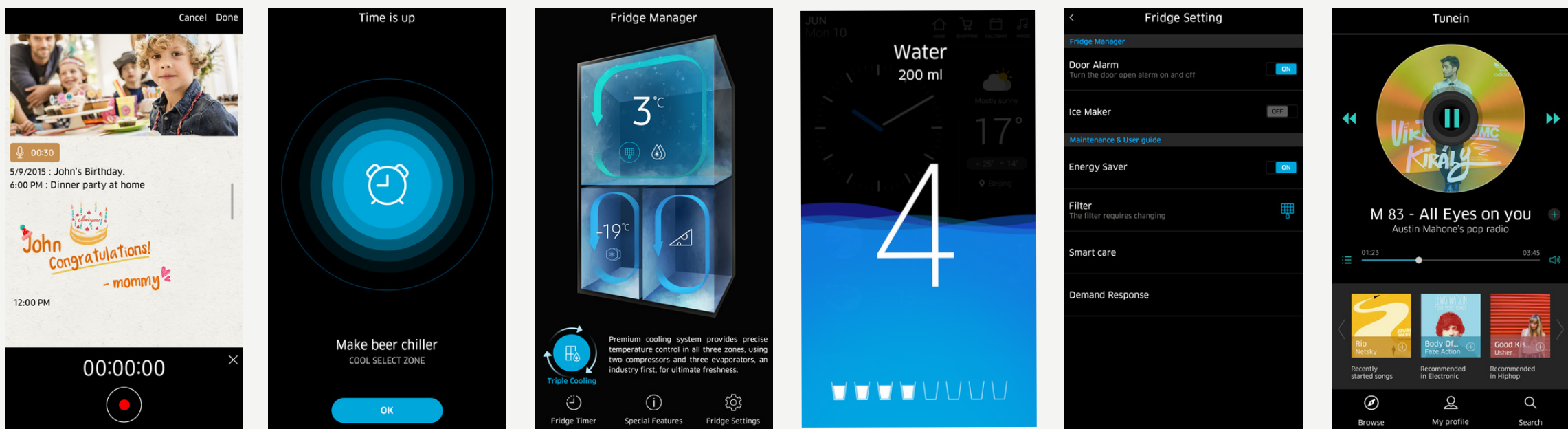
Family Hub

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Pages Overview



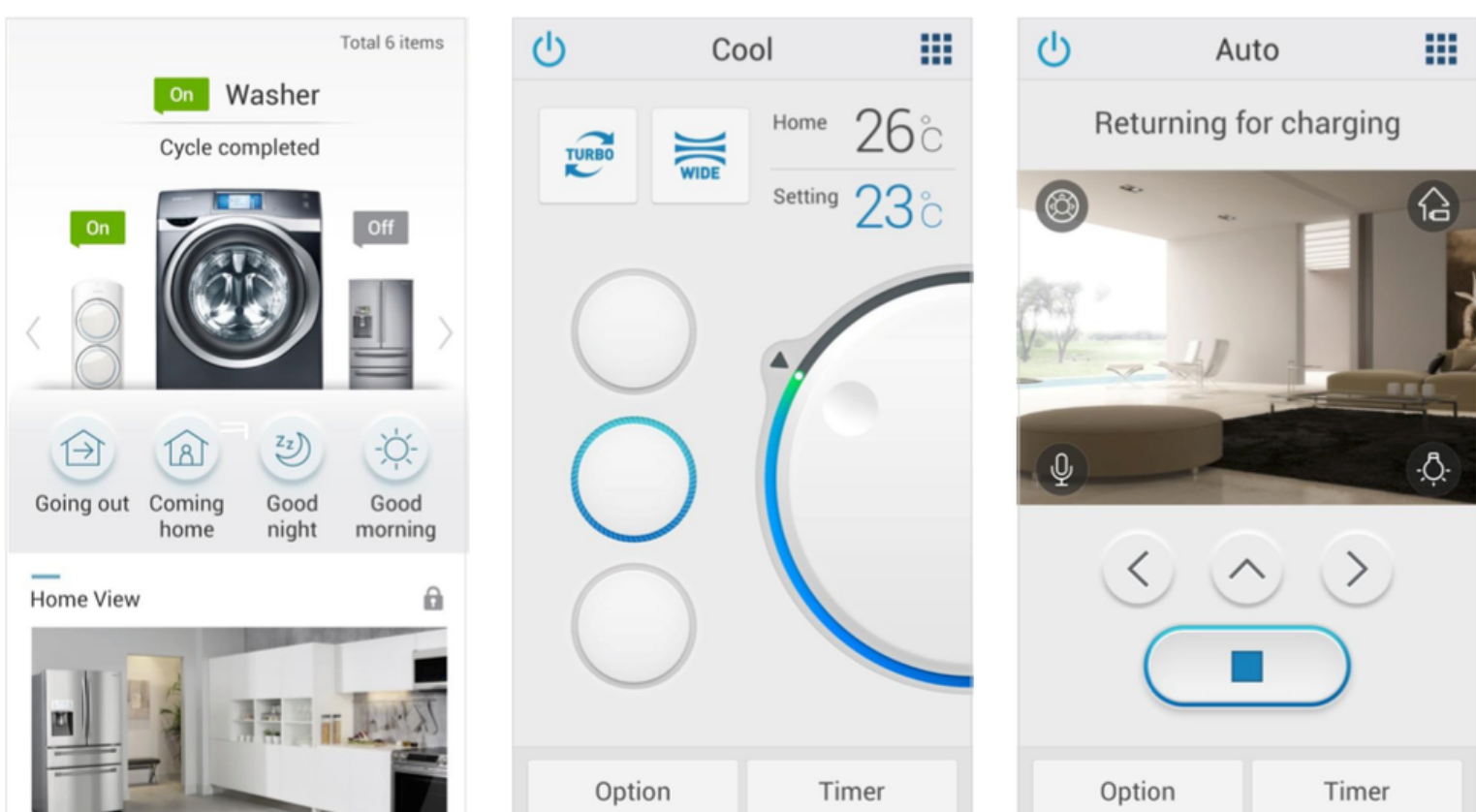
Cornerstone PJT

Smart Home

AI

IoT

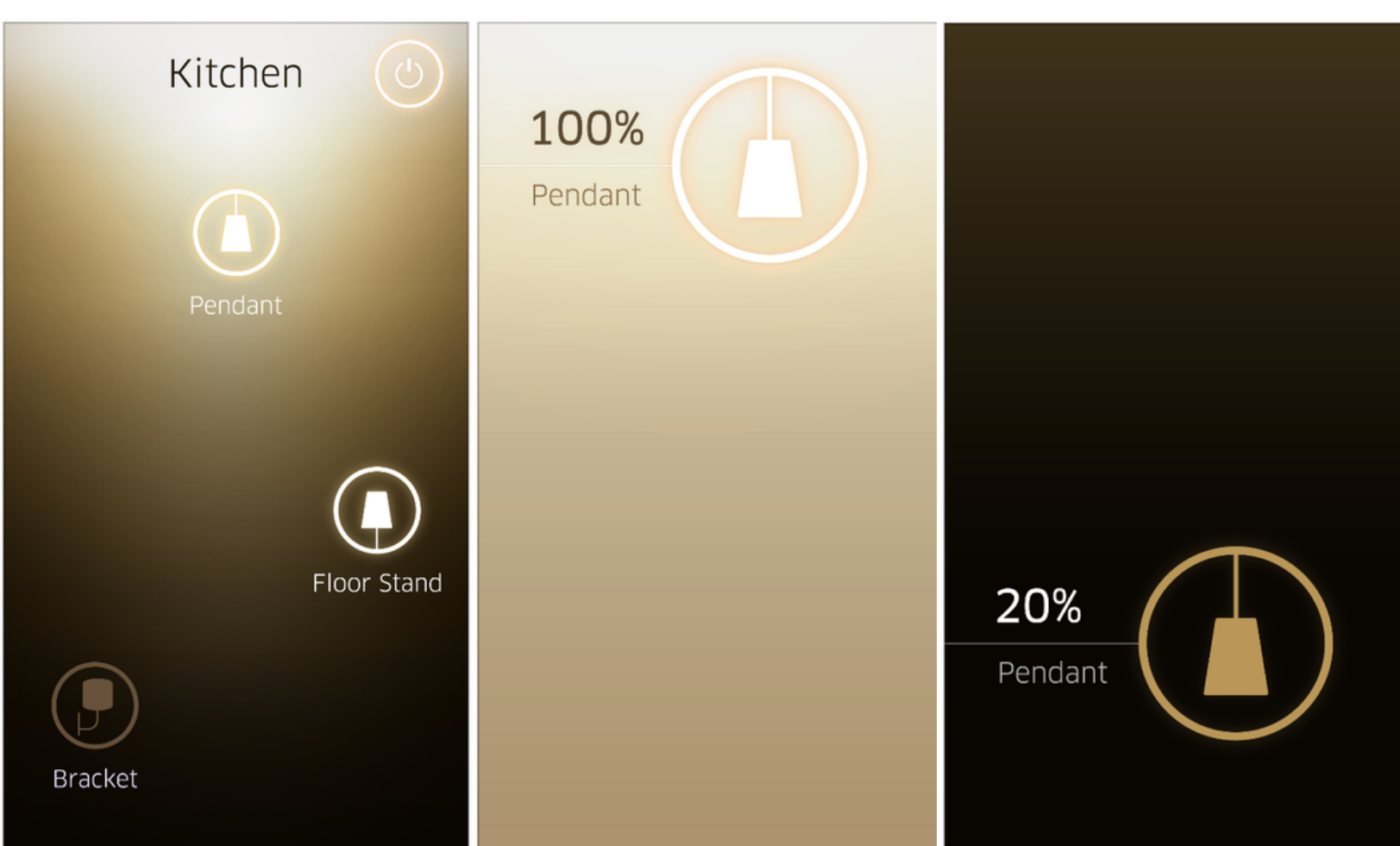
Integrated Smart Home Control App Designed an integrated mobile application to seamlessly monitor and control various home appliances—including washers, refrigerators, air conditioners, and robot vacuums—from a single interface. Features intuitive mode presets (Going Out, Coming Home, Good Night) and real-time device status tracking for an effortless smart home experience.



Smart Home

Intuitive Lighting Control Mobile App
Description: This app provides a seamless and intuitive user experience for managing all aspects of your connected lamps. It allows users to effortlessly control everything from basic power functions to precise brightness levels, all from the palm of their hand.
Core UX/UI Design Principles

- Intuitive Visual Representation:
 - Uses clear, simplified icons for different types of lamps (pendant, floor stand, wall bracket).
 - Employs a dynamic, colored background that reflects the current light state: warm and bright for full power, transitioning to darker, less warm tones for lower brightness levels.
- Contextual Overview:
 - Grouping: Organizes lamps by room (e.g., 'Kitchen'), making it easy to find and control devices by location.
 - Multi-Device Status: A central control screen can show multiple lamps and their individual power status with a quick glance.
- Streamlined Control:
 - Focuses on the most common action—power and brightness—with simple tap and slider interactions.
 - Avoids deep menus, putting the most critical controls within immediate reach.



Smart Q app.

Smart Home

AI

IOT

Smart Cooling & Humidity Control

- Intelligent Cooling System: Maintains ideal indoor temperatures through automated climate tracking.
- Automated Humidity Regulation: Keeps indoor humidity at optimal levels (40–60%) for continuous comfort.
- Optimal Climate Balance: Balances temperature and humidity to improve comfort while preventing excessive energy use.
- An air conditioner control application app that is installed on a smartphone and used both indoors and outdoors (Voice ctrl and Touch control)
- End to end

