

Project 4.

Standby Mode

Instructions

1. Form a three person group.
2. Learn about “Standby Mode” in general and on iOS.



— If you have an iPhone, try it out and and explore the settings

— If you have an Android, instead
download the app called “StandBy Mode Pro: Smart Clock”:
https://play.google.com/store/apps/details?id=br.com.zetabit.ios_standby

Generally speaking, standby mode is a power-saving state for electronics where the device is turned off but still receives a small amount of power to maintain settings and allow for a quick resume. It’s similar to “sleep mode” on computers, which saves your work to RAM for a fast restart, while other devices like TVs and routers use standby power to stay ready for a remote command or a signal from the network.

For newer devices like iPhones, Standby mode is a feature that turns the phone into a smart display while charging in a horizontal, locked position. You can use Standby to turn your iPhone into a bedside clock, a photo frame, a display for viewing widgets or Live Activities in full screen, and more. Standby mode presents information or other visuals ambiently in a visually pleasing, accessible, and viewable-at-a-distance way.

3. Together, create a visual proposal for a new smart display for Standby that:

- changes over time
- has minimal interaction; changes on its own
- you would enjoy experiencing in your everyday life
- includes a “night mode” (red on black) version of the design

Guidelines

Idea — Essentially, the idea is to create an ambient interface that feels like it really could be part of iOS’s Standby mode but extends it further. That said, you might want to use some of Apple’s existing design language to make it feel real. At the same time, you can bring in other elements.

Research — First, try experiencing Standby mode on your own, both in class and on your own over time. Use it in your everyday life (at different times of day, different contexts) and consider what you’d like to add to it, if anything.

Tools — Mock up your designs in Figma first with an interactive prototype. Make sure to show every important screen. Your group is also welcome to create other prototypes as are helpful (for example a web prototype in HTML / CSS / JavaScript, or a long or repeating animation, etc.) The final proposal will be shown on one of your group’s smartphones in landscape mode.

Inspiration — Your group may be inspired by Brian Eno’s idea that certain systems with simple but specific rules can evolve over time in interesting, surprising, and/or beautiful ways. Additionally, your proposal can make use of data in some way (like Apple’s smart displays — clocks, calendars, photo albums), or be more abstract, like a moving painting or screensaver. Or it’s a combination. Regardless, consider how your display changes over time.

Timeline

Wednesday, Nov 19 — Kick off, form groups and start sketching

Monday, Nov 24 — Group working time + JavaScript demo

Monday, Dec 1 — Group working time

Wednesday, Dec 3 — Share / mini exhibition!

ETYMOLOGY

stand-by (n.)

also standby, 1796, "that which stands by one," originally nautical, of a vessel kept nearby for emergencies, from verbal phrase stand by "await, support, remain beside" (mid-13c.), earlier "stand near, stand and watch" (late 12c.); see stand (v.) + by (prep); also compare bystander.

In reference to persons, the meaning "state of being ready for duty" is by 1946. In civil aviation, as an adjective meaning "without a booked ticket," from 1961. As an order to hold one's self in readiness, it is recorded from 1660s. As "something on which one can rely," by 1861.

WIKIPEDIA

Standby may refer to:

- Standby (air travel), a list in which passengers may request to be placed on to request an earlier or more convenient flight
- Standby (theater), an actor or performer who will appear in a particular role if the regular performer is not present
- Sleep mode (in electronics), also known as standby mode—a mode in which electronic appliances are turned off but still under power and ready to activate on command
- Standby (or ACPI S3), an ACPI mode of a computer
- Modern Standby (or InstantGo), a computer power management system
- Standby power, energy consumed by an electronic device while it is turned off or in sleep mode
- Standby (TV series), a South Korean sitcom
- Standby Records, an American independent record label
- "Standby", a song by Macintosh Plus from Floral Shoppe