

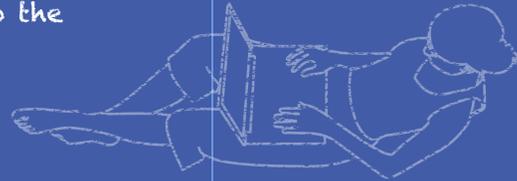
# DESIGN

# TECHNOLOGY

Define if what you are creating is a prototype or a final version of a product/service

Define the type of user experience you want to have for your users

Select a word/metaphor/phrase/poem/movie/image/etc. that clearly illustrates your vision on how the experience should be like for the users



What type of service/system do users need/want?

ANSWER THE FOLLOWING QUESTIONS:

How will the system work from the user's perspective?

How involved is the user in the system?

Is the user's input necessary for collecting and/or processing the information?

Is the user aware of the data collected as it is being collected?

What touchpoints will the user encounter as they use the service?

What platforms are needed for the touchpoints?

- Large screens
- Smart eyewear
- IoT connected object
- Mobile phones
- Smart watch
- Microcontrollers
- Others?

What interaction is needed for each of the steps in the service?

Does the interaction need to be consistent across all devices?

Does it make sense to have a stepped interaction, in which each device assumes a specific part of the overall experience?

Should the interaction on each device be completely different to guarantee the intended user experience?

What feedback is needed for the user to understand the service on each device?

- Beeping noises
- Visual information
- Haptic feedback
- Sounds
- Blinking lights
- Other

STEP 1



ARCHITECTURE

Define the Architecture you need for the product/service

STEP 2



PROGRAMMING

What are the programming languages supported by the devices you selected?

CONNECTIVITY

Does your service require connectivity to other devices?

STEP 3



SENSORS

Does your service need to measure something in the surroundings?

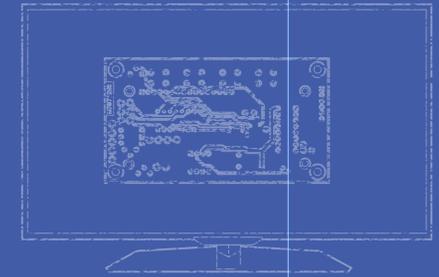
Do your devices have sensors embedded in them?

STEP 4



LATENCY

How can you avoid the latency of processing and/or connectivity to avoid hindering the service for users?



DATABASE

Does your service require storing information?

Is your service connected to a remote or local database?

Does your service require connectivity to internet/intranet?

SECURITY

What type of security does the service need?

- for the database?
- for the communication between devices?
- for access protocols?

FEEDBACK

What feedback do you have available?

screens? haptic? sound? LEDs?

# THINGS TO CONSIDER WHEN DOING A CROSS PLATFORM UX PROJECT