

IMPROVING LIVES OF PEOPLE
WITH PARKINSON'S

VANSHIKA ARORA



SHUBHAM SABOO



THE TEAM

KARTIK BHANOT



SANKET JAIN



Problem Statement

Enabling **seamless access** to digital world for people
with **Parkinson's**

User Persona

Ram needs a way to interact with the digital world and wants the experience to be included because he values independence and socially connected life.



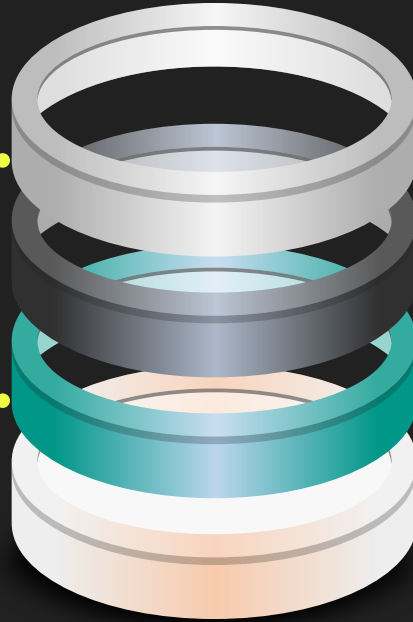
Functional/Non Functional Requirements

Well-calibrated for both hands and all postures.



Functional

All the phone's physical features should be accessible (like vibration)



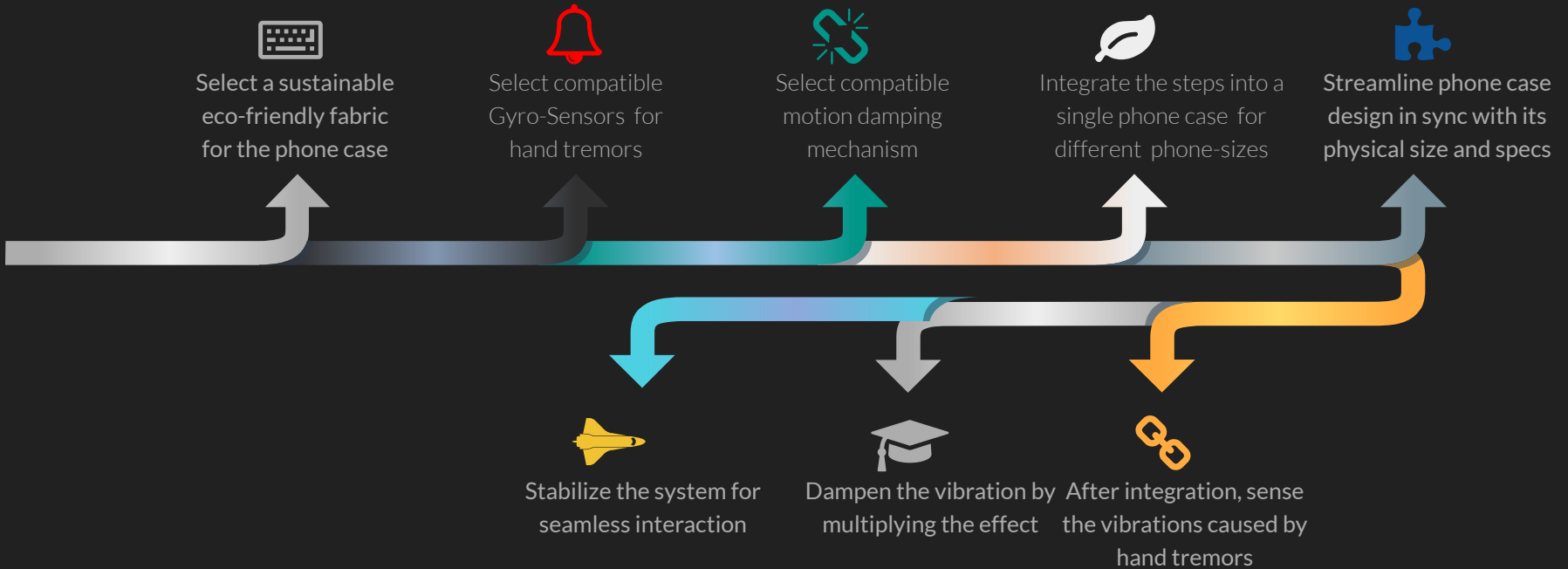
Protruding phone cover to protect the phone screen in case of a fall.

Non - Functional



Analytics Dashboard to understand how the cover has impacted his usage

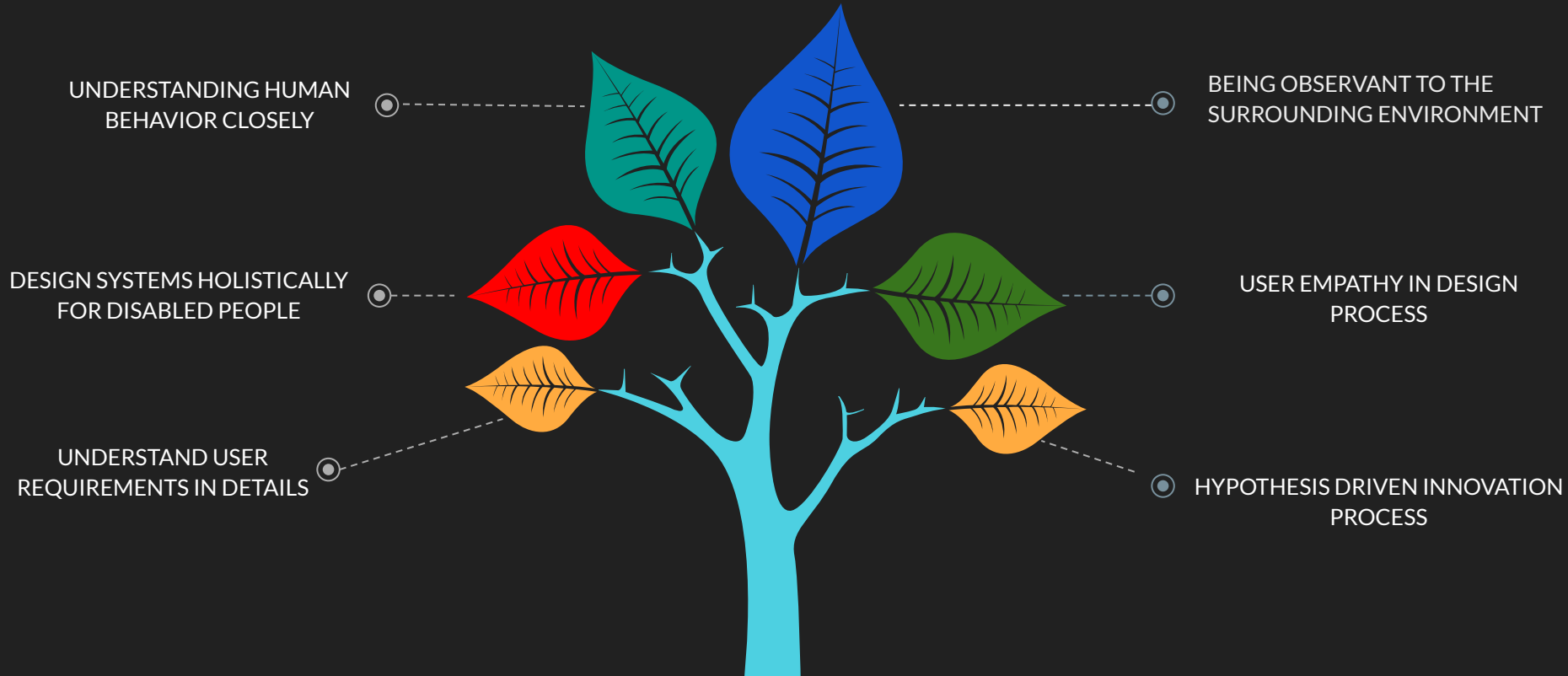
Design Flow



Systems Flow Design

1. Buy the phone case that is compatible with your cell-phone.
2. Download “Mobile Cover for Parkinson’s” app.
3. Press the Red button on the phone case.
4. A pop-up screen appears as the phone detects the case which will allow us to integrate the case with cell phone’s UI.
5. The case will have two calibration modes: left and right hand.
6. Ask the user to provide some basic details.
7. Calibrate for right hand - Hold the phone for 10 seconds in the right hand.
8. Calibrate for left hand - Hold the phone for 10 seconds in the light hand.
9. Set-up analytics dashboard.

Learning Outcomes



THANK YOU!
