



PORTFOLIO

Harsh Mandaliya



Harsh Mandaliya

Industrial Design
Nirma University

www.harshmandaliya.com



sketchystrokes



sketchystrokes



harsh.mandaliya1998
@gmail.com



(+91) 8153934746
(+91) 9409726066

ABOUT ME

Extremely motivated to constantly gain knowledge and develop skills to grow professionally. I am confident in my ability to come up with new ideas.

STATEMENT OF INTENT

The main objective of this internship is to understand the industrial world in depth. The aim is to gain knowledge and insights by understanding applications of design thinking and explore various categories of industrial design as well as obtain more experience in terms of technical skills with various projects.

SOFTWARES

Rhinoceros 3D
Keyshot
Adobe Photoshop
Adobe Illustrator
Adobe InDesign
Autodesk Sketchbook

EXTRACURRICULAR

ROBOFEST GUJARAT 2.0 - Winner
of Level 1

REDO 2020: President of the
department's fest.

REDO 2019: Was the head of the
finance of our department's fest.

EDUCATION

Adarsh school, Dhoraji
SSC.2015

Dream International School,
Dhoraji
HSC.2017

Institute of Design,
Nirma University
B.Des (Industrial Design)
2018-Present

ABILITIES

Management and leadership
Research
Conceptualization
Visualization
Design thinking
Content writing
Team work

SKILLS

Ideating & Sketching
3D Modeling and Rendering
Technical skills
Basic Arduino skills
RPT - Rapid Prototyping

EXPERIENCE

3D CAD Modeler & designer
Nirma University, Ahmedabad
August 2020 - January 2021

Space manager and designer
SRISTI Innovation, Ahmedabad
June-July 2019



PURE TOUCH

The device creates a healthy habit among people to disinfect their hands while entering or exiting a place and consequently increasing the hygiene and safety among themselves



Virus Protection



Disinfect



Health & Hygiene



Wellbeing



Safe Entry & Exit

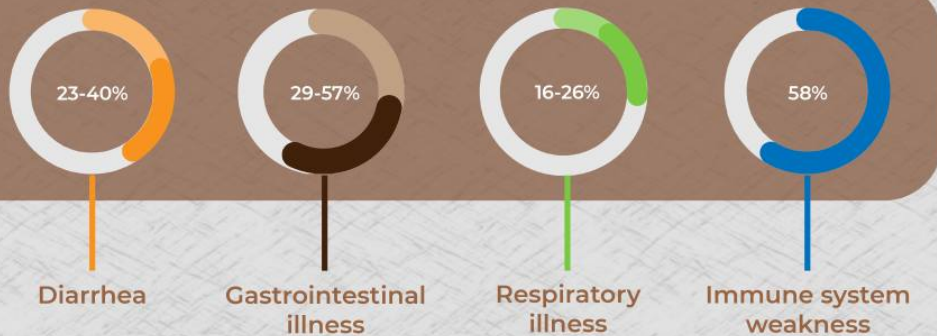


RESEARCH & INSIGHTS

CYCLE OF TRANSMISSION OF GERMS THROUGH HANDS



Hand hygiene reduces the chances of spread of various illnesses



The **most accumulation of germs takes place on hands** by coming in contact with various surfaces and objects throughout the day.

Disinfecting hands is very important in order to decrease the transmission of germs/bacteria/virus.

Hand disinfecting offers great rewards in terms of preventing illness. Adopting this habit can play a major role in protecting the health.



PURE TOUCH

One step operation

Two Design options

Premium Aesthetics

5 colours to choose



Brown



Black



Copper



Black



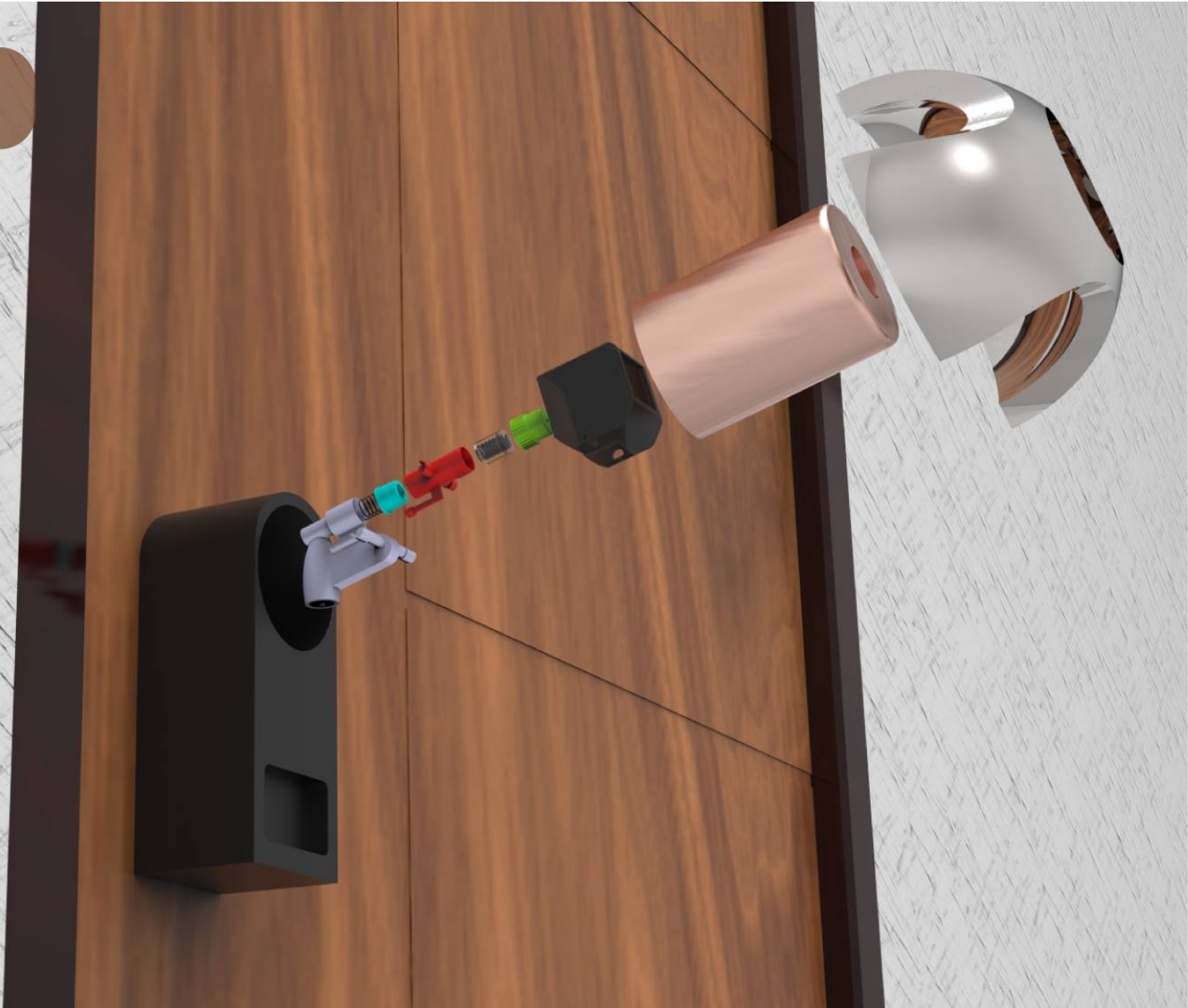
Copper



White



Silver





A **functional** and **durable** packaging design which has enough capacity of **holding colour pencils** for a longer period of time providing user a **better quality** and **usability** in day to day usage.



INSIGHTS & SOLUTION



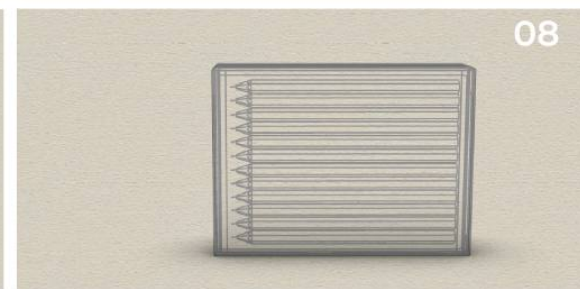
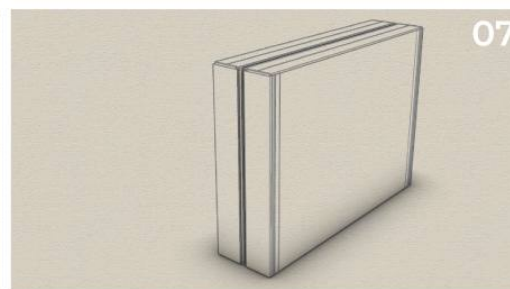
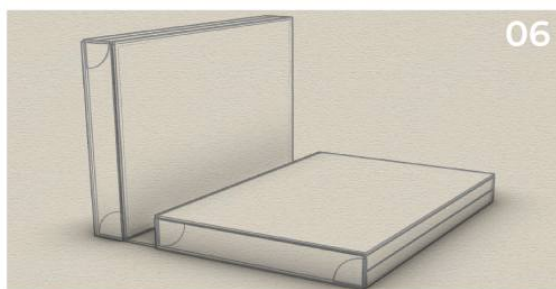
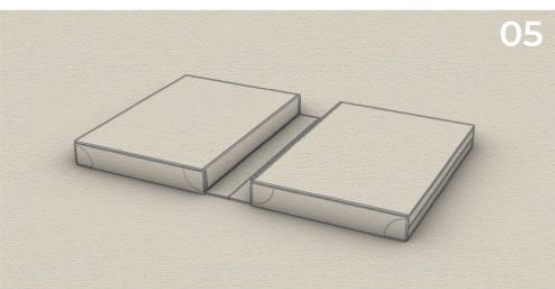
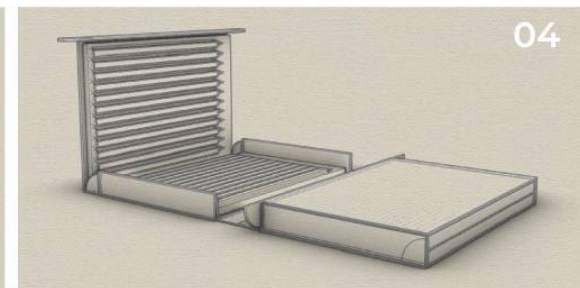
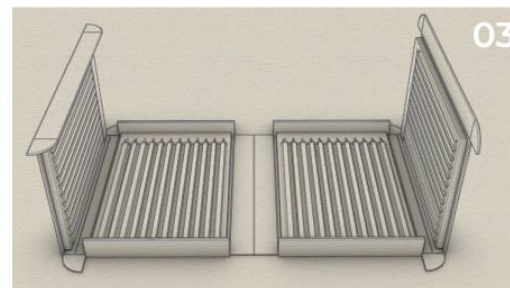
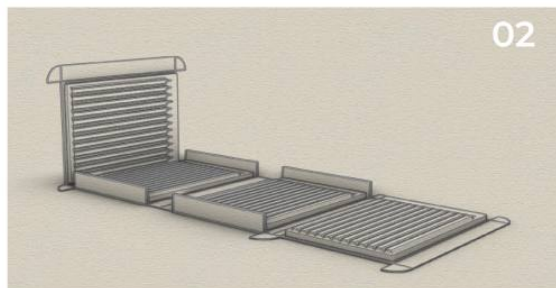
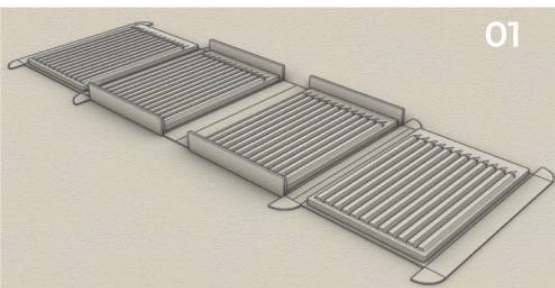
The packaging tears out after few usages. Changes can be made in terms of durability of packaging.

The tearing of packaging creates storing issues of colours and often results into losing them.

The teared packaging is not capable of carrying colours efficiently.

The folding of paperboard packaging also creates sliding of colour pencils from the bottom of the packaging.

The packaging issues creates a need for the user to buy expensive and more durable and functional pouch/stationery for storing and saving the pencil colours properly.





PHYSIO - FIT

Your Exercise Partner

An interactive learning/tutorial device for the patients recovering from injuries such as fracture or paralysis.



Tracking healing of bones

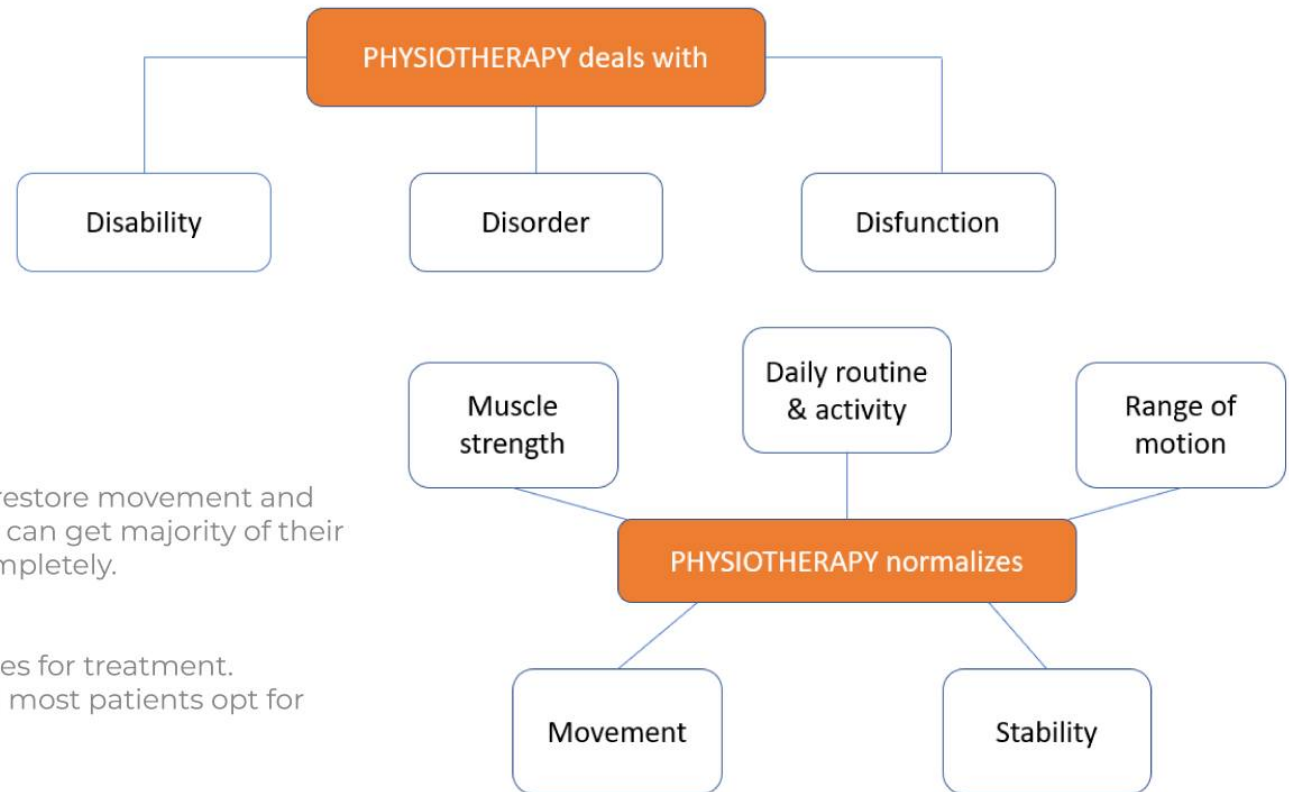


Movement of the patient



Rehabilitation





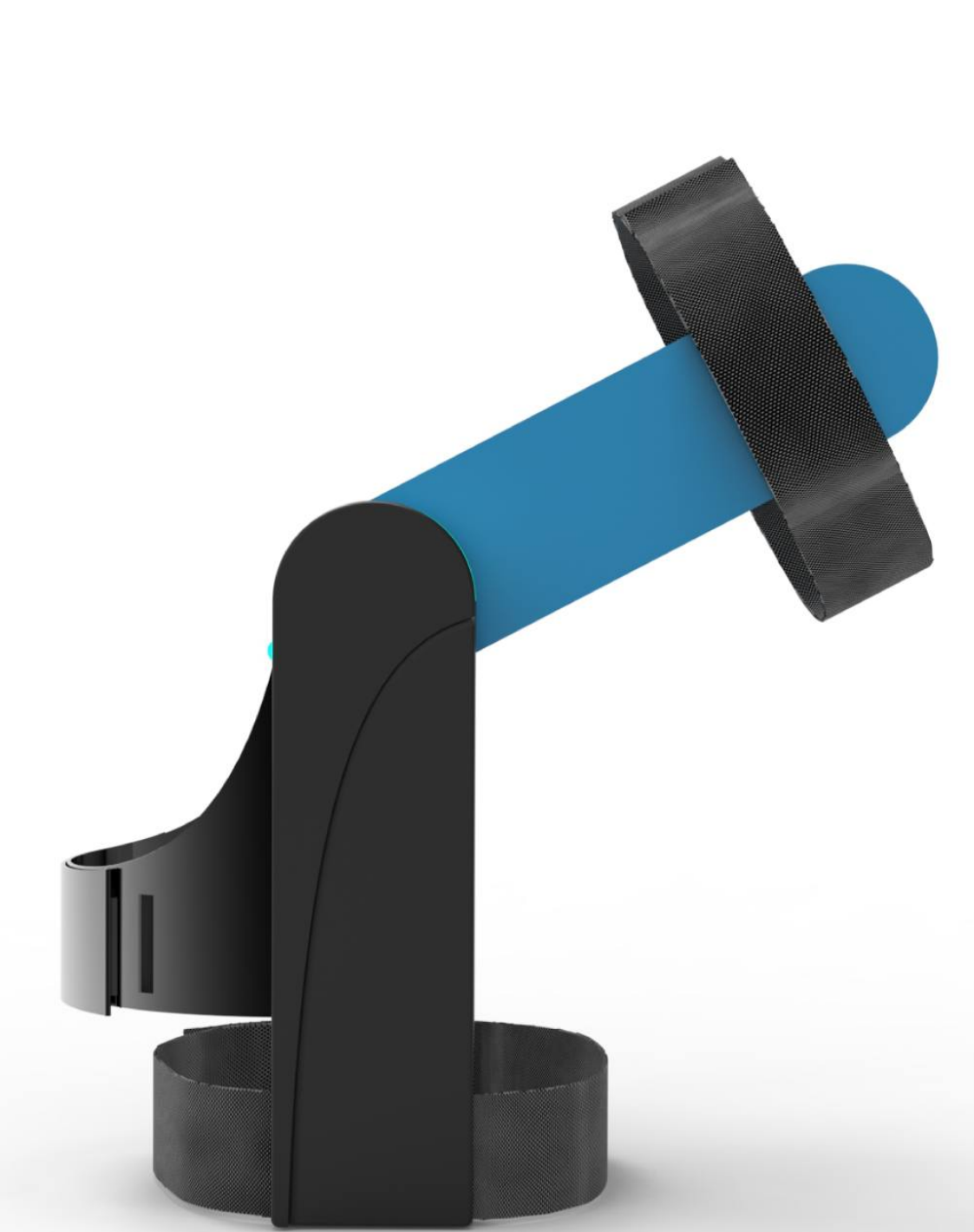
PHYSIOTHERAPY FOR PARALYSIS

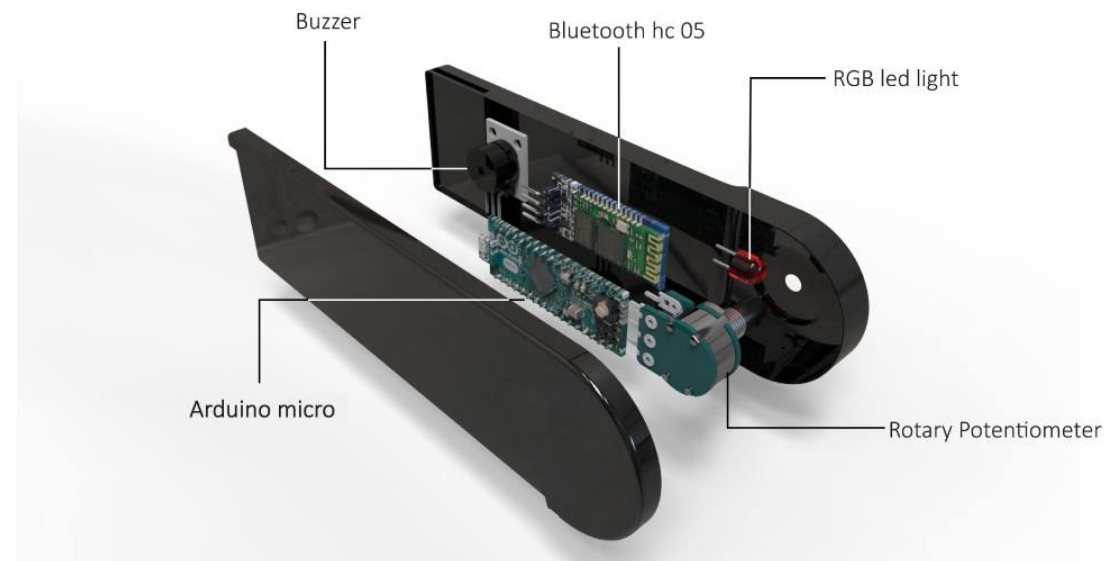
Physiotherapy for paralysis is the only resort that helps restore movement and sensation in the affected limbs. In many cases, a person can get majority of their mobility back with physiotherapy for paralysis, if not completely.

Patient suffering from paralysis cannot move to far places for treatment. Physiotherapy is very important for them. At such cases most patients opt for home physiotherapy.

BENEFITS OF HOME PHYSIOTHERAPY

Timings as per the schedule of the patient and not that of the clinic.
 Less movement and transfer of patient.
 Personalised treatment.





Connected Mobile App

