



torch-!t.



Creating Vision Not Sight



*“The best and most beautiful things in the world cannot be seen or even touched - **they must be felt with the heart.**”*

—**Helen Keller**, American author

PROBLEM

Millions of blind people **lose their confidence** to navigate and analyze their surroundings



Our mission

To Help *2 million* visually impaired people in *2 years*

Our Vision

Our vision is the formation of a *better community* or a *platform* for our *Spatially Enabled* friends where they will feel much more comfortable, more confident and will hence become more social.

SOLUTION

Our device will guide the blind Horizontally as well as Vertically in their visually dark world



IMPACT

It will help to easily navigate as well as identify the proximity of various obstacles around them horizontally as well as vertically in their Dark World

THE AIM OF THIS PRODUCT IS TO DEVELOP

ECONOMICAL



EFFICIENT

FEATURES

1 TIME CHARGE-
STANDS FOR 15 DAYS



STAGES-3 DIFFERENT
RANGES



SoS/EMERGENCY
BUTTON



Time Line

2013-14

Selected in MIT
Media Labs &
Idea generated

2015-16

Prototyping, te-
sting &
Company
registration and
patent

2017

Product launch
& Expanding
western India

2018-19

Launching New
products and
cover whole
India

2020-21

Expanding
Across Globe

K Sonar

ULTRASONIC TECHNOLOGY AND THE BAT'S ABILITY TO 'SEE WITH SOUND'.



Problems:-

- It lacks in the use of modern technologies.
- Repair cost are very high
- Product life cycle is small.
- Too high Cost (₹ 41000)

SMART CANE

DEVICE THAT MOUNTED ONTO A CANE CARRIED BY THE VISUALLY CHALLENGED.

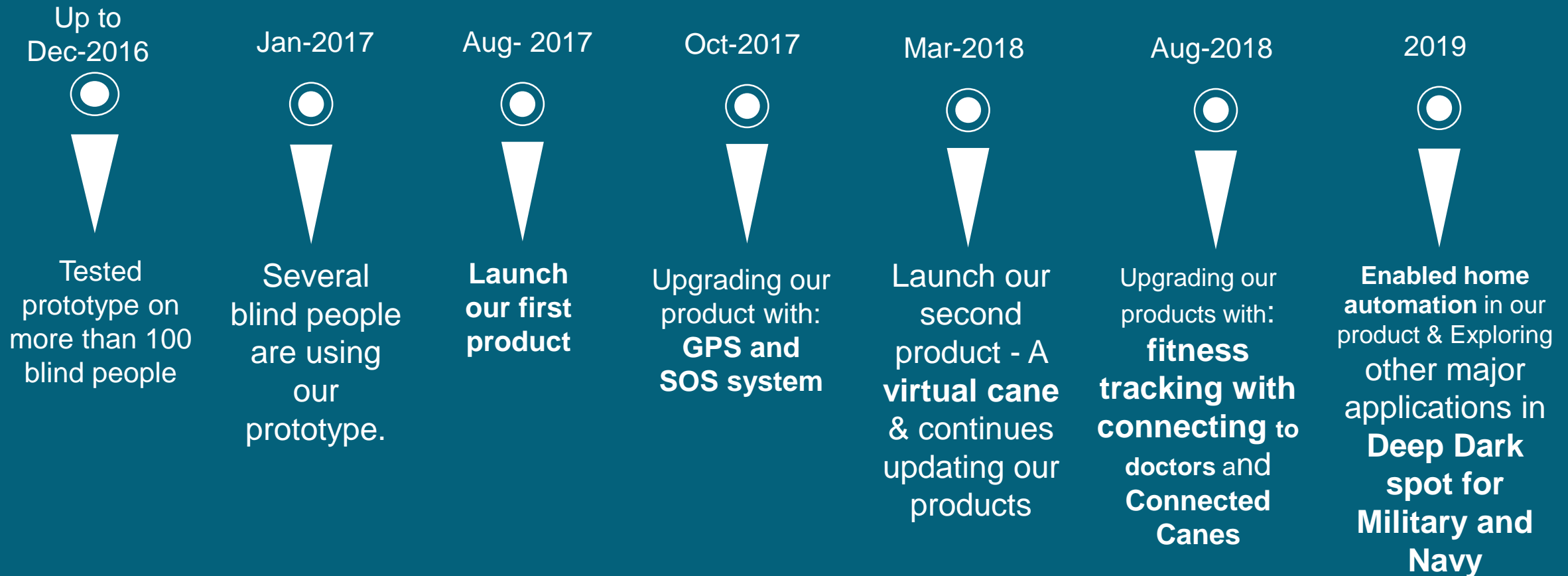


Problems:-

- Very less Accuracy to detect Obstacles.
- Always vibration, creates customer distraught.
- They replace normal cane
- High Cost (₹ 4500)

PRODUCT TIMELINE

**WE ARE NOT JUST CREATING THIS PRODUCT
WE ARE CREATING A PLATFORM FOR THEM SO
THAT THEY CAN BE CONNECTED TO ONE OTHER
THROUGH OUR PRODUCT**



FACT



- **TESTED ON 300 PARTIALLY TO FULLY BLIND PEOPLES.**
- **COLABORATED WITH 50+ NGOS IN GUJARAT**



- **COMPANY REGISTERED AS “TORCH-IT ELECTRONICS PVT. LTD.”**
- **PATENT PENDING (FILED) NAMED “COMPACT DEVICE FOR AIDING VISUALLY IMPAIRED AND SYSTEM THEREOF”**
- **FINAL PRODUCT DESIGN & PCB DESIGNS ARE COMPLETED.**
- **WE HAVE STARTED R&D FOR AIDING GPS AND GSM FOR UPGRADING THE PRODUCT**
- **RECOMMENDED BY DR. R SONI (BLIND TECHNICIAN) AND MR. BASKAR MEHTA (NAB PRESIDENT)**
- **HIRED 20 PEOPLE FOR R&D AND MARKETING**



- **AT PRESENT PROTOTYPE BEING USED BY SEVERAL VISUALLY IMPAIRED PEOPLE,**
- **WE TAKE CONTINUOUS FEEDBACK; TO IMPROVE THE PRODUCT AND SERVE THEM BETTER.**

MENTORS



Dr. R. P. Soni

- BPA Member
- Blind Technician



Dr. Bhushan Punani

- BPA Director
- Wagh Bakri tea group Director





ASSOCIATED WITH



www.iic.pdpu.ac.in



HALL OF FAME



TECH BRIEFS



Entrepreneurship Cell
IIT Kharagpur

IBM



सत्यमेव जयते





HAVE A COLOURFUL DAY

www.torchit.in
facebook.com/torchitt
+91 7383635420

