

DES 633 

Integrated Product Development

Amrita Walia 231190003

Prashant Pal 231190018

Tanisha Singh 231190026

Karunanidhi Rajpoot 19821421

Gaurang Rehdu 200374

Shloak Bhagat 200946

01 Backbone Curvature Indicator
Strip like device over spine to alert critical level of slouching

02 Smart Plant Saucer
Smart accessory for existing potted plants

03 Portable OCR Reader Folder
OCR Scanner + speaker for the visually impaired

04 Noise Cancelling Device for Horse

05 Smart Cloth Hanging Clips/Rope
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed

06 Eggs Freshness Checker
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed

07 Street Cleaning Machine
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed

08 Phone Charging Box Dock
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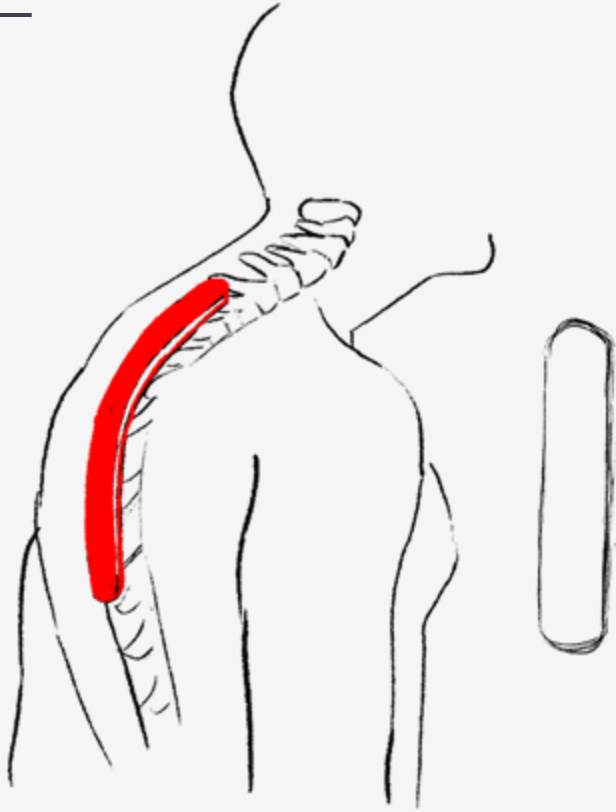
09 Luggage Seat
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed

10 Foot Doorbell
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed

11 SOS Impact Alert Device
According to Meal/Recipe Selected

12 Smart Shading Device
According to Meal/Recipe Selected

01



The problem

Involuntary Slumping of back



Spine Issues over time



The idea

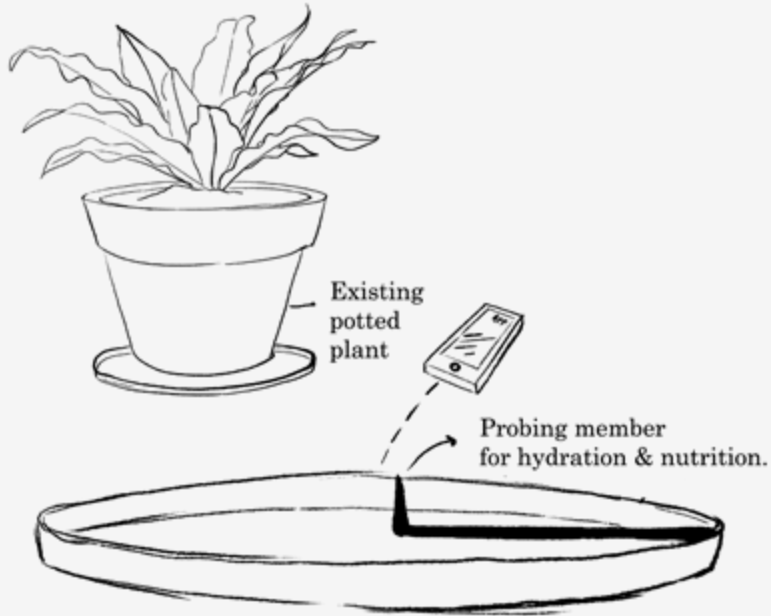
Backbone Curvature Indicator

The problem

Lack of accurate information on plant health

Messy drainage in existing plant pot saucers

Inability to water/feed plants when away

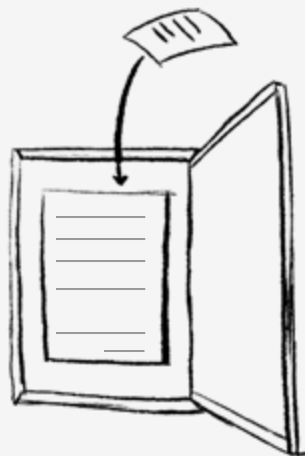


The idea

Smart Plant Saucer

03

eg- bank / govt.
forms.



Realtime text
to speech.

The problem

Absence of dictation aid of
printed/written text for the
visually impaired

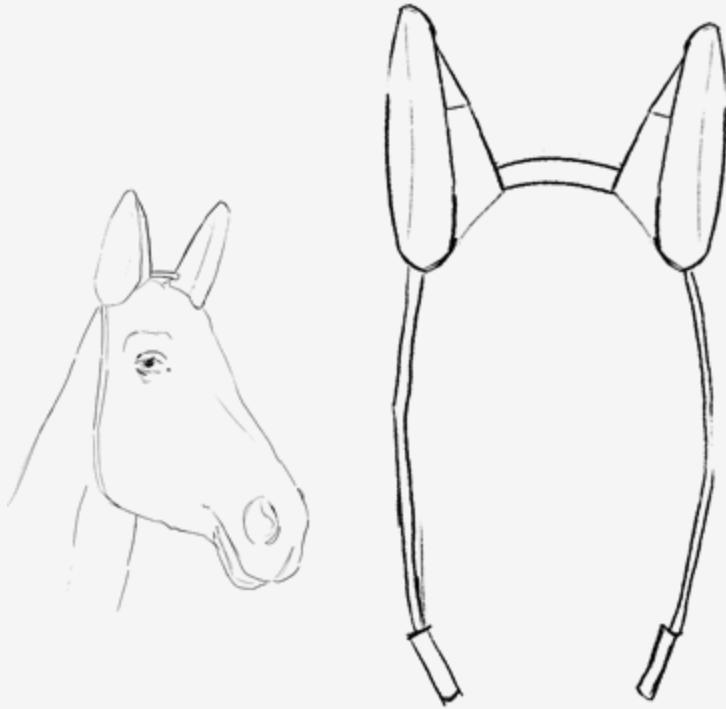
Eg. Forms at Banks & Govt. Offices



The idea

Portable OCR Reader Folder

04



The problem

Horses being affected by
noise pollution, thus being
subjected to inhumane
solutions

Eg. Baraats in North Indian Weddings



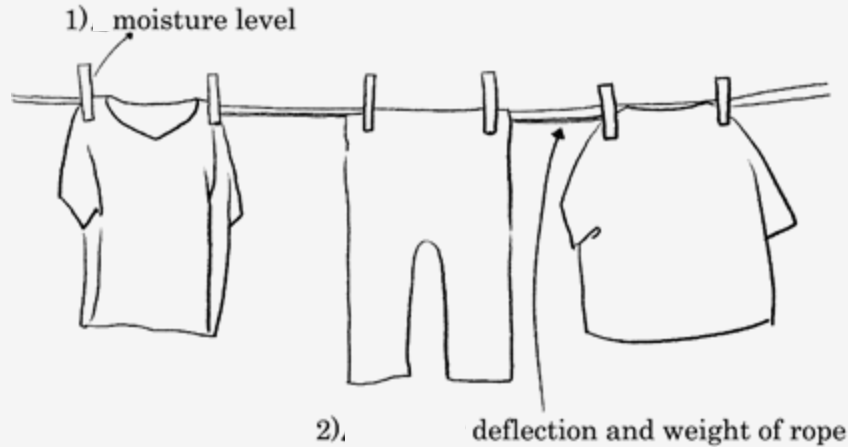
The idea

Noise Cancelling Device for Horse

05

The problem

Need of an alert when air drying
process of laundry on
clothesline is complete

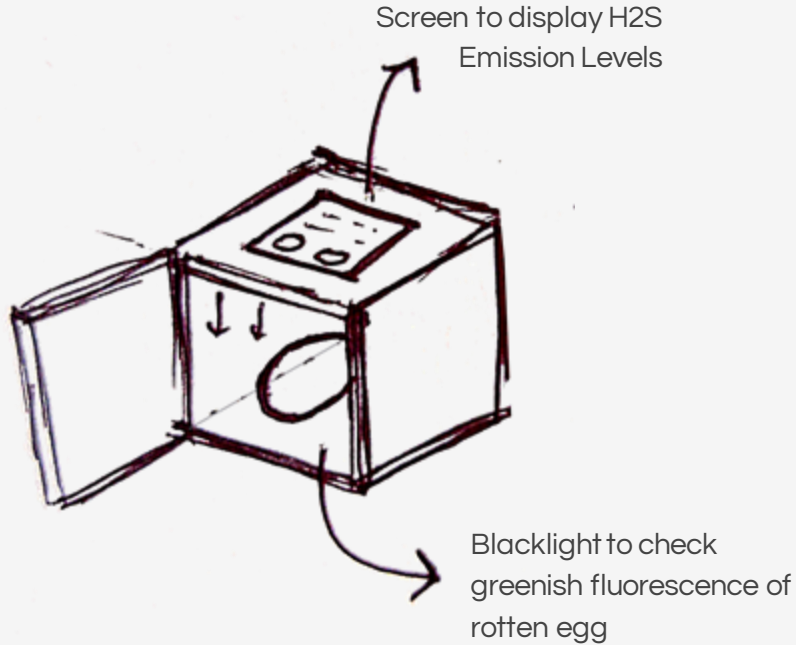


The idea

Smart Cloth Hanging Clips / Rope

The problem

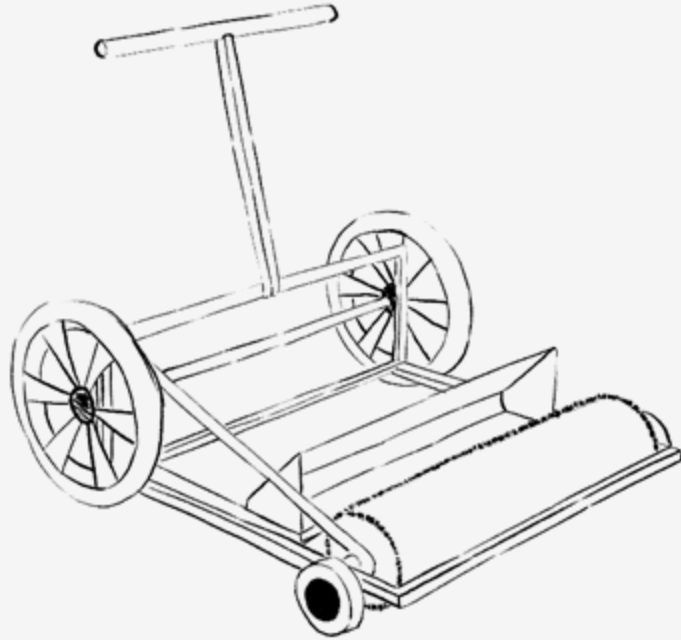
Uncertainty in freshness/quality of eggs before purchasing in the unorganised market sector



The idea

Eggs Freshness Checker

07



The problem

Inadequate street cleaning due to use of inefficient methods

Low productivity leading to pollution, health hazards, and disarray



The idea

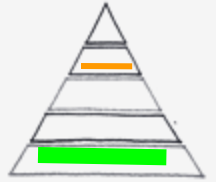
Mechanical Street Cleaning Machine

09



The problem

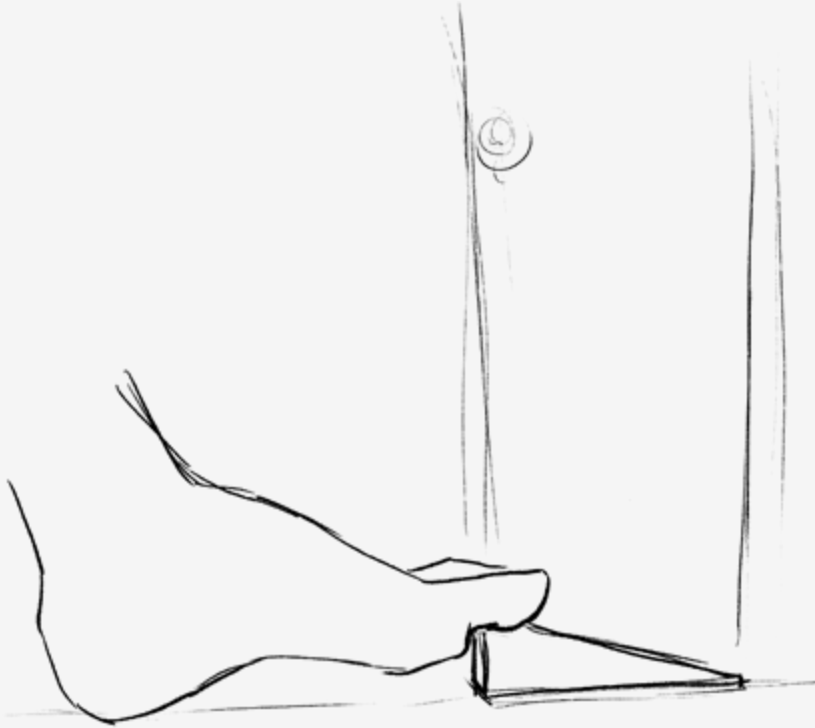
Unavailability of seating
at railway platforms



The idea

Attachable Seat for existing Luggage

10



The problem

Inaccessibility of doorbell when
carrying things (eg. groceries)

Sanitation concerns with doorbells

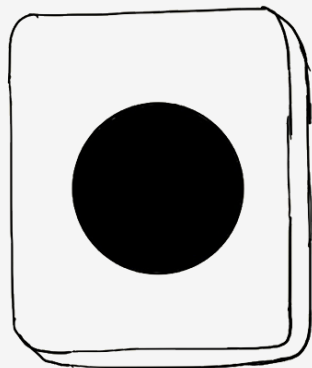


The idea

Foot Pedal Doorbell

The problem

Lack of timely assistance in accidents



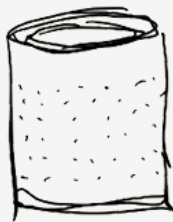
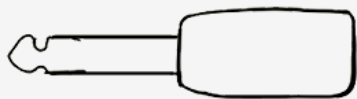
The idea

SOS Beacon for Crash Alert

12

The problem

Requirement of cables, rigs and amplifiers
to connect a guitar to speakers



The idea

Wireless guitar rig+amp/ adapter



Thankyou!

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