

MAGIC EYE

Kick and jump, have food with fun!

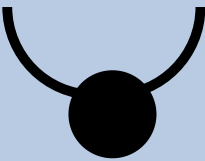


IMPORTANCE

- 1. More than 80 percent of all children and adolescents with type 2 diabetes are overweight.
- 2. Over 132,000 children and adolescents are diagnosed with type 1 diabetes each year.
- 3. Both the number of cases and the prevalence of diabetes have been steadily increasing over the past few decades.
- 4. Being overweight/obese and lack of physical activities is a modern epidemic.

WHAT IS IT?

It is a locket that can be worn around one's neck comfortably. One can set their health parameters (age, height, weight, etc).



Who is this product intended for?

- Diabetic children and adolescents
- Overweight/ obese children and adolescents
- Anyone who would like to have a healthier lifestyle

Features:

- Camera
- GPS Tracker
- Pulse monitor
- Sound system

Benefits:

- Light
- Durable
- Waterproof

WHAT DOES IT DO?



FOOD



EXERCISE



TRACKING



- It takes a picture of whatever one eats.
- Based on the time spent eating and the pictures taken, it estimates the amount of food eaten.
- It calculates the calories that the user consumes per meal.

- The GPS tracker and pulse monitor estimate the physical exercise the user does each day.
 - The locket plays instrumental music* that matches the rhythm of the heartbeat (which in turn would match the rhythm of walking/ running/ physical activity).
- *the volume of the music can be increased/decreased/ muted.

- The food items and calories consumed, and physical activity reports are collected on cloud to see overall progress.
- In case the calorie count is going to cross the set limit on a particular, an alert is sent to the parent(s)/ guardian.
- Moreover, if adequate exercise has not been done, a reminder is sent to the parent(s)/ guardian.

WHY MAGIC EYE?

- It helps modify diet and incorporate physical activities in the user's lifestyle.
- The music feature motivates the user, especially younger children to experiment with different types of movements, thus promoting physical activities.



WHAT STEPS NEED TO BE TAKEN?

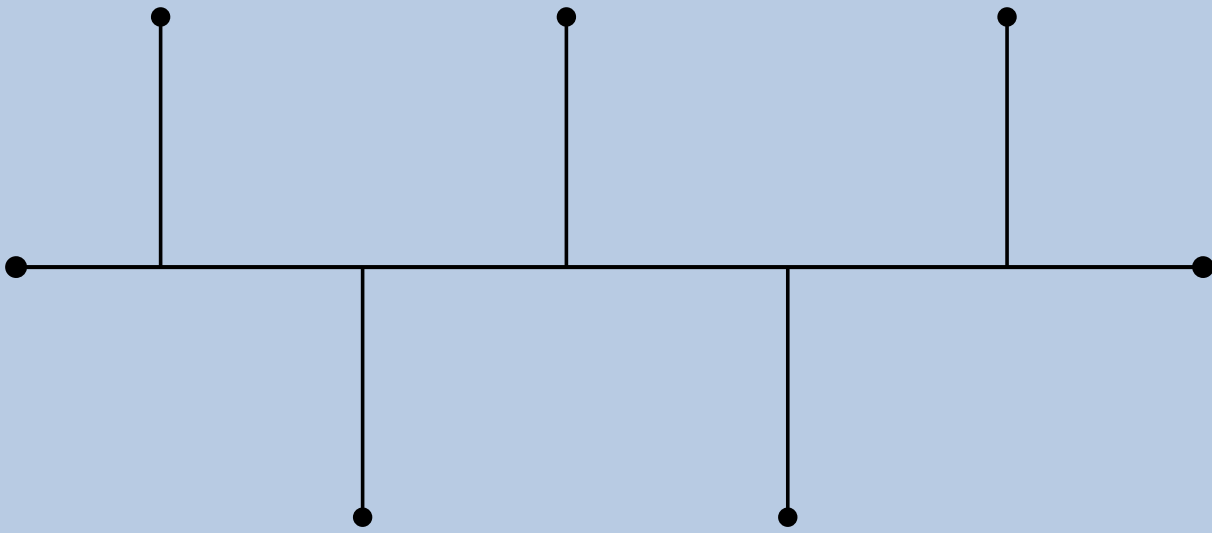


Collection of data and checking accuracy of calorie consumption calculation done visually (by camera).

Making a prototype which is durable, accurate, waterproof and light.



Testing the prototype and getting feedback from a small set of users before official launch.



Collection of data and checking accuracy of physical activity (done by GPS and Pulse monitor).



Checking the functioning of the prototype; if data is collected regularly, and alerts and sent when required.

MADE BY:

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