

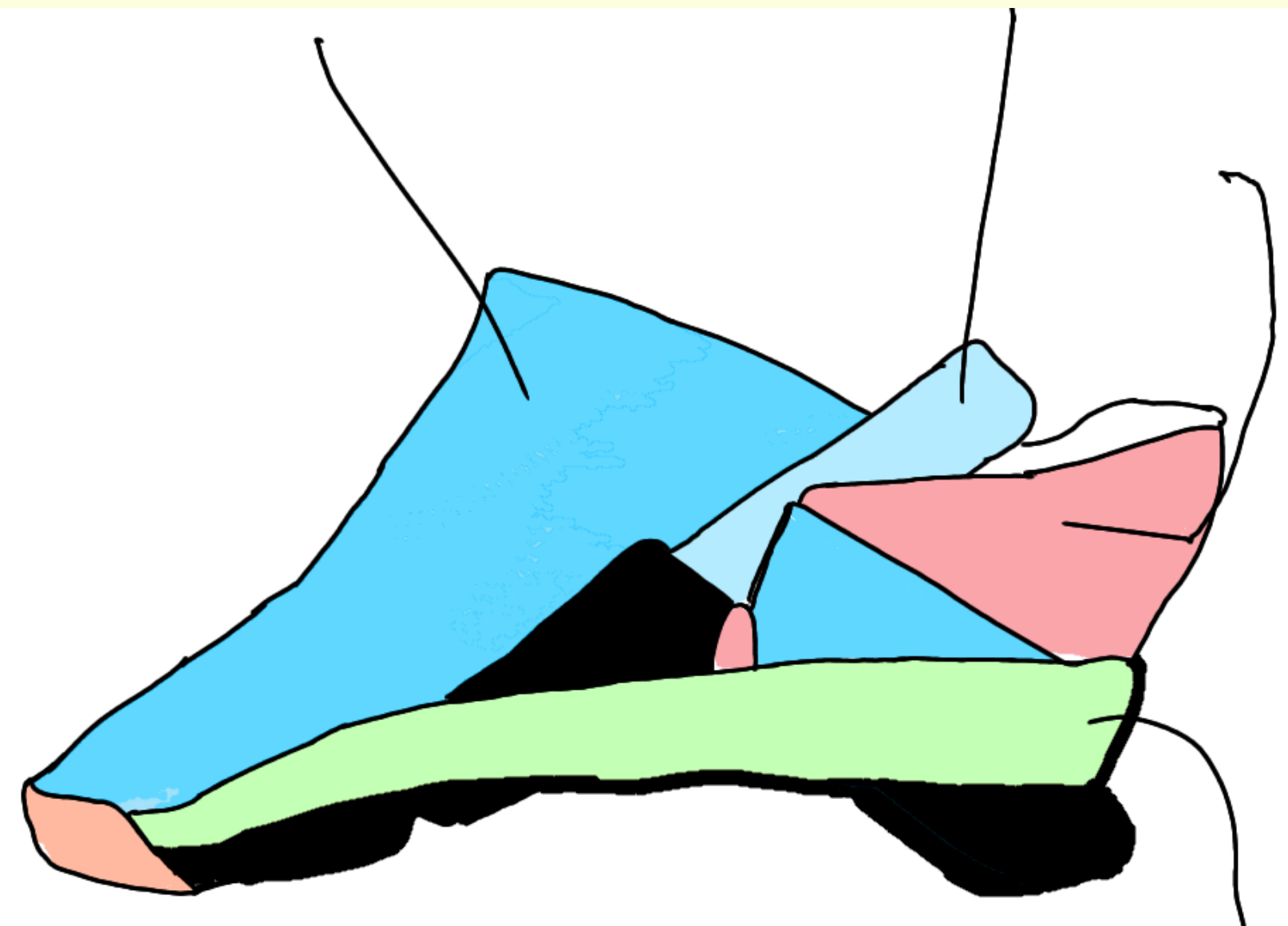
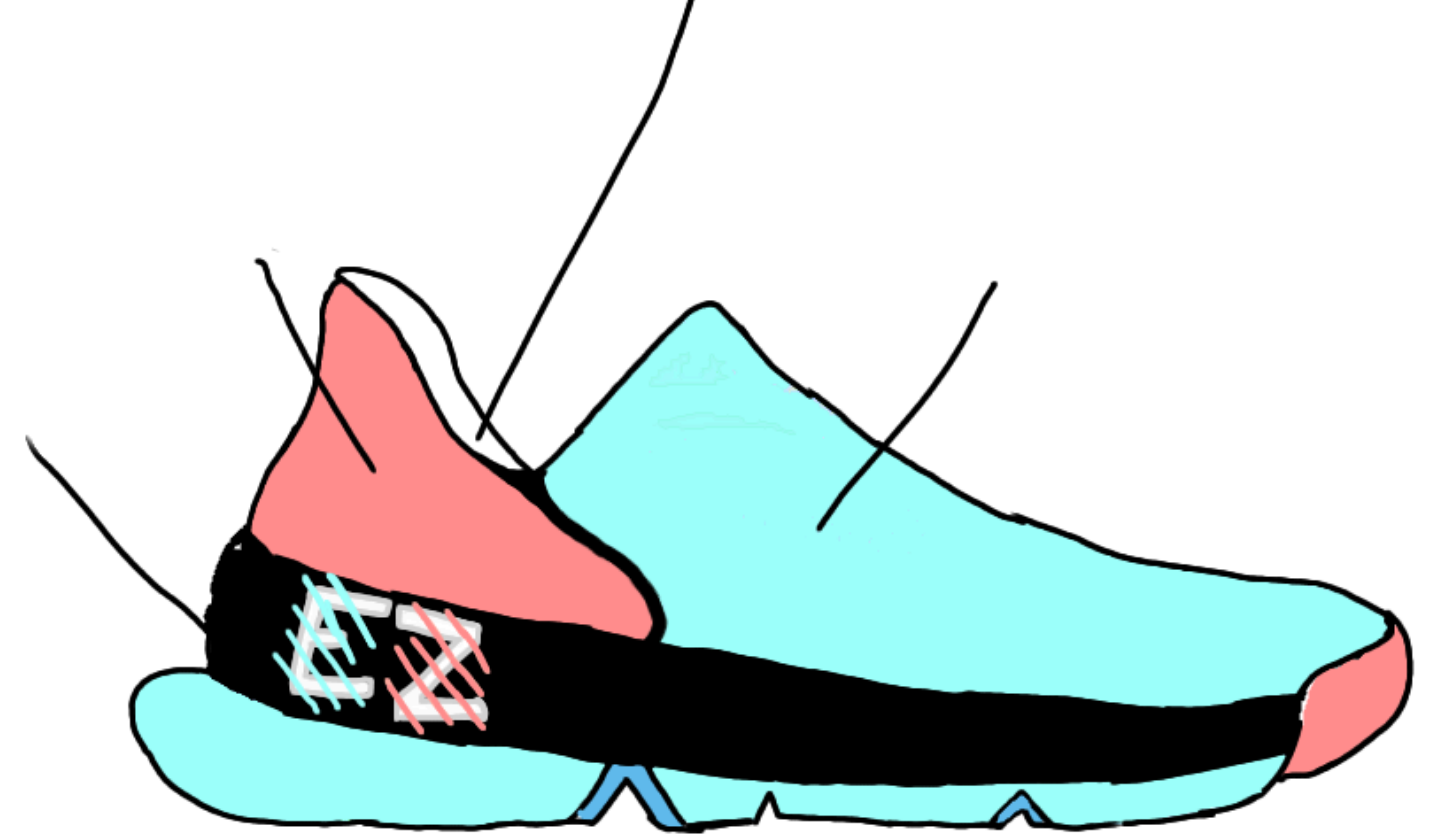


Project Name: Freedom EZ

Team name: CODESTARS

Group: junior (11-14yrs old)

Theme: goodhealth and well being



Codeavour 6.0 International

Team Member

Team members-
Chirag Nehalani
Jalaj keswani

Mentor-
Saurabh bhartiya







Good health and wellbeing

Freedom EZ

our project freedom EZ is a great shoe which is the new face of our society, this shoe is the best initiative towards the people who are infected by diseases related to foot

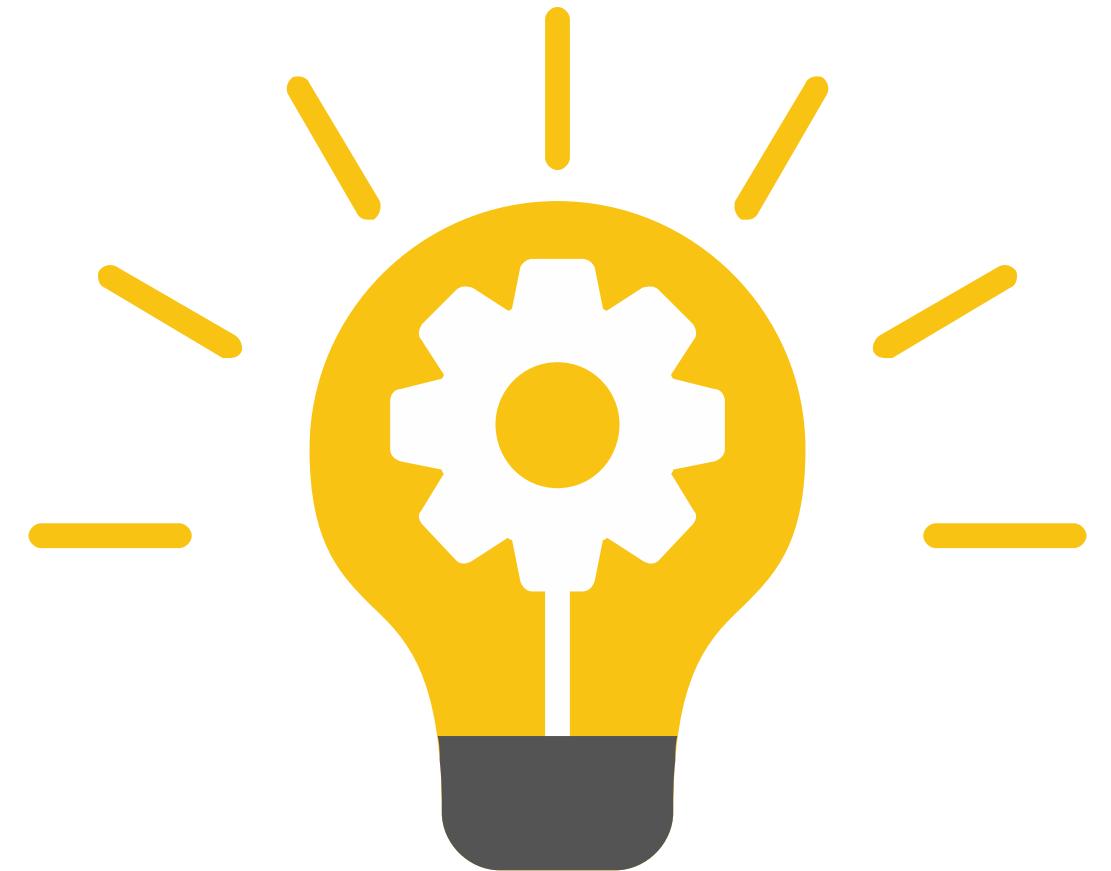
Problem

while creating this project we faced many problems some emotional and some with the product we made a design that was very delicate and it was not very comfortable while testing it we made some changes with our design and it's features



Solution

we created a shoe which would solve the problem of the people with flat foot and the people who are paralyzed this shoe is capable of providing comfort to the flat footer and an no use of hand wearing shoe technique





Existing Solutions

in this market there is only one competition which is the nike flyease shoe it provides the shoe wearing for the paralyzed people

USP

our product is better than others as it provides better comfort
flat footed soul so that the people do not have to change souls everytime
it is much affordable than the other competitions



Effects

- Effects on Paralyzed Individuals

People with paralysis, particularly in the lower limbs, often use specialized shoes to prevent complications. These shoes can:

Improve Stability & Support – They provide firm ankle and foot support, reducing the risk of misalignment.

Prevent Pressure Sores – Soft cushioning and custom orthotics reduce pressure points.

- Effects on Flat-Footed Individuals

Flat feet can cause pain and misalignment, but the right shoes can:

Enhance Arch Support – Built-in arch support helps distribute weight evenly.

Reduce Pain & Fatigue – Cushioning absorbs shock, preventing strain on joints.

Improve Posture & Balance – Good arch support aligns the body properly.



Causes

- Causes of Paralysis Requiring Special Shoes

Paralysis can result from various conditions affecting nerves, muscles, or the spinal cord:

Spinal Cord Injury (SCI) – Damage to the spine can cause loss of movement in the legs.

Stroke (CVA) – Can lead to weakness or paralysis on one side of the body.

Cerebral Palsy – Affects muscle coordination, requiring supportive footwear.

Multiple Sclerosis (MS) – Causes muscle weakness and foot drop, needing specialized shoes.

- Causes of Flat Feet

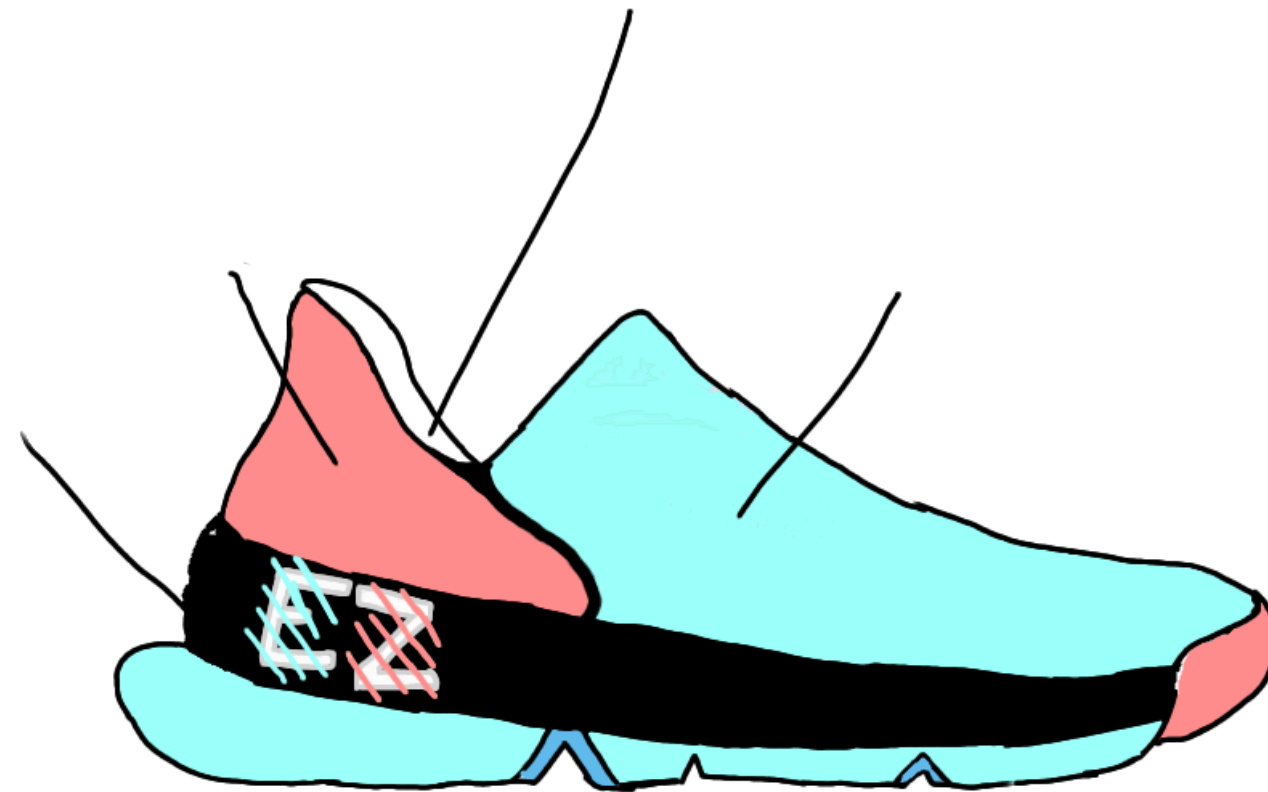
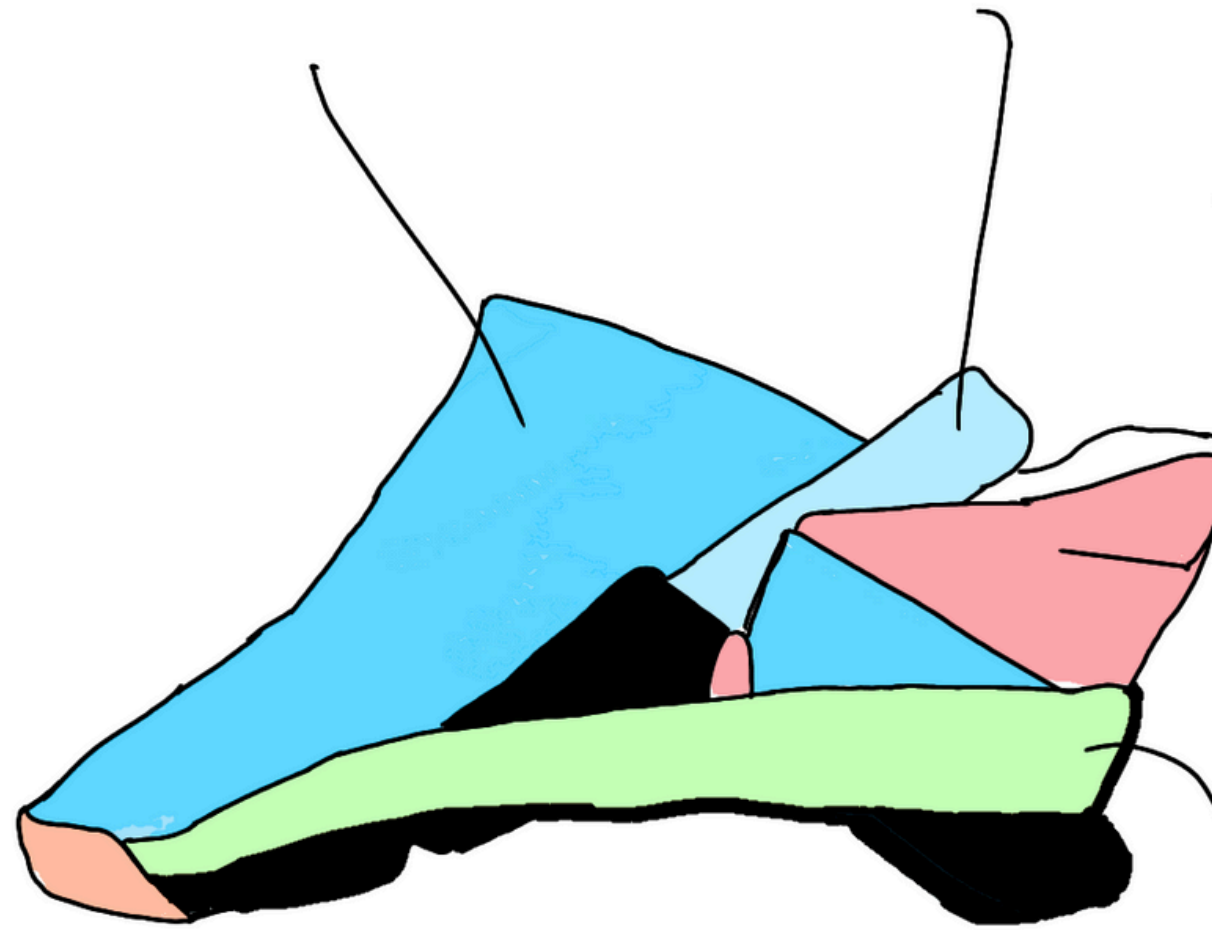
Flat feet occur when the arches of the foot collapse or don't develop properly. Causes include:

Genetics – Some people inherit flat feet from their parents.

Weak Arches – The arches appear when sitting but flatten when standing.

Injury or Trauma – Fractures, ligament tears, or muscle damage can cause arch collapse.

Obesity – Excess weight puts pressure on the foot, flattening the arches over time.



THANK

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