



Hair Haulers





Submitted By:

Team Name: Runtime Terror

Mansi Singh
09/08/2003
MAE(4th Sem)
IGDTUW

Anushka Singh
23/03/2002
IT(4th Sem)
IGDTUW

Smita Maurya
09/09/2003
CSE(4th Sem)
IGDTUW

Saumya Bharti
29/04/2002
CSE(4th Sem)
IGDTUW



Problem Statement

Human hair is considered a waste material in most parts of the world. Half of the masses consider human hair useless and often dump it as municipal waste.

Many industries rely on hair as a key raw material, yet it is often overlooked. The inability to transport raw material to the designated location is a huge issue.

Proposed Solution



- Our goal is to create a website that's serves as a bridge between salons and industries , connecting them for mutual benefits.
- Our plan is to collect the waste hair from engaged and interested salons.
- We will then proceed to categorize the hairs based on their qualities, texture and length.
- We then plan to cater to the hair needs of industries by offering a variety of textures and lengths, with hair serving as the primary source material for our supply.
- We will rate the hair according to the industrie's requirements based on the quality they need.

CREATIVE IDEA





Target User



Wig Making

Industries manufacturing artificial wigs, eyelashes, hair extensions etc are one of the largest global human hair industries.



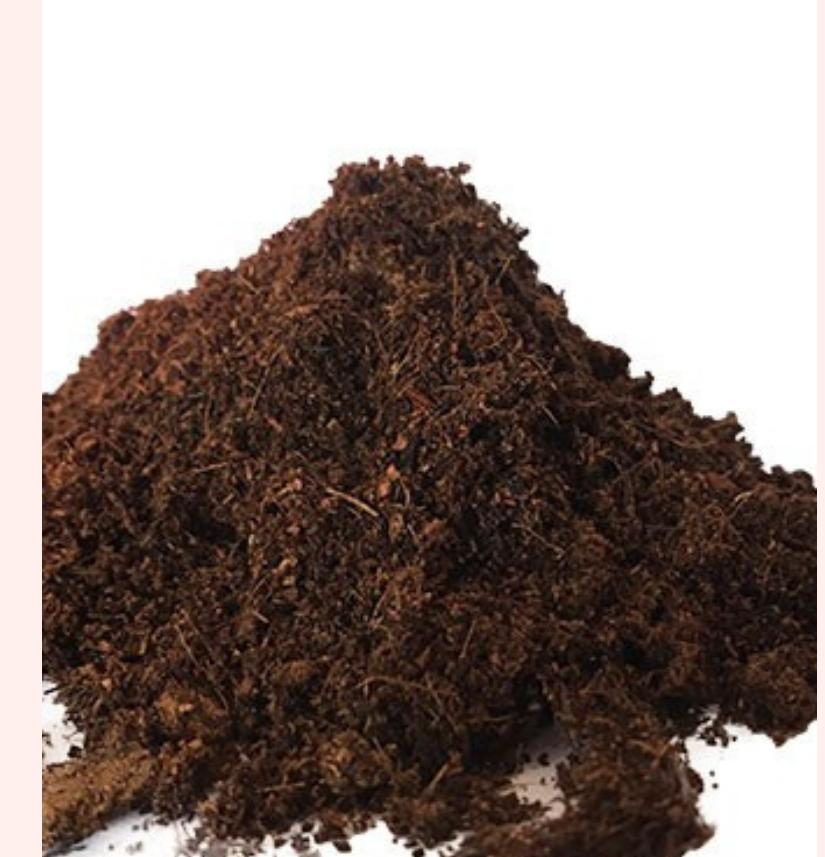
Medical Industry

Amino acids present in human hair are a boon to the medical world.



Making Fabrics

High tensile strength of human hair makes a perfect material for fabric.



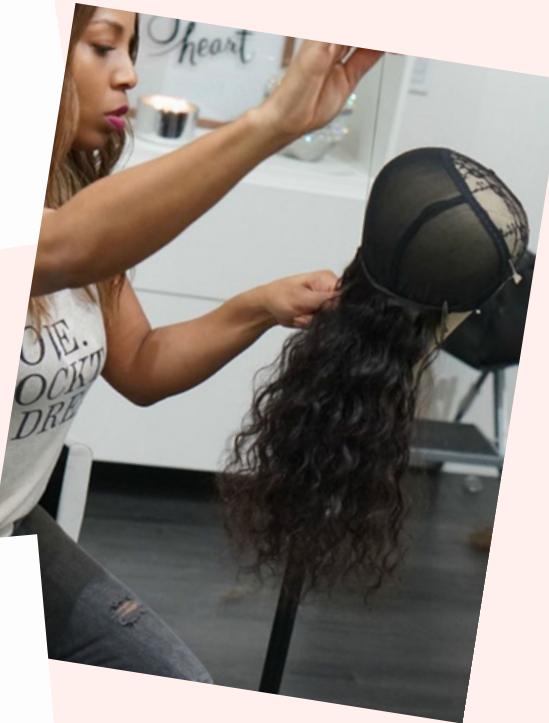
Manure Making

Protein rich human hair makes a perfect raw material for manure and fertilizer making industries.

Other....



Wig Making



Human hair possesses a versatile quality that makes it suitable for cleaning and utilization in creating various beauty hair accessories such as artificial wigs, eyelashes, hair extensions, beards, and moustaches. The industry that manufactures such products has emerged as one of the largest and most expansive global human hair industries. The enduring demand for wigs, beards, and moustaches spans several generations and cultures. Moreover, the use of fake eyelashes has become a popular practice in the entertainment and fashion industry, serving as an effective means of enhancing the aesthetic appeal of one's facial features.

Other....



Medical Industry



With approximately 20 amino acids present in a single human hair strand, hydrolysis of hair is a valuable means of extracting certain amino acids that have significant medicinal properties. Of note are the good yield of L-valine, L-leucine, L-cysteine, and L-isoleucine from human hair. L-cysteine, in particular, has several chemical derivatives that have potential applications in the formulation of pharmaceutical products and cosmetics. Moreover, Asian hair has been found to have a higher concentration of L-cysteine compared to other hair types, due to the predominance of black hair in that region.

Other....



Making Fabrics



Human hair's exceptional tensile strength and durability make it a highly suitable material for fabric production. In the Arunachal Pradesh region of India, skilled artisans blend human hair with yak hair, cotton, and nettle fiber to create exquisite fabrics. Typically, human hair is used as the weft, while cotton yarn serves as the warp in these traditional weaving techniques. Fascinatingly, in Panipat, India, animal fibers are blended with cut-out human hair to produce blankets. The human hair industry has made significant contributions to the Indian economy and the global textile industry.

Other....



Manure Making



Hair trimmings that are typically discarded after haircuts can be effectively repurposed as crop fertilizer. The human hair collected from barbershops and hair salons can serve as a valuable nutrient source for plants when combined with other compost materials. According to estimates, one kilogram of human hair can yield approximately 200 grams of melanin, 360 grams of keratin, and 300 milliliters of ionic liquid, which has the potential for use as a fertilizer. The crude form of melanin has already been successfully extracted, and further refinement to remove sulfur could significantly increase its value and market price.

Other....



OTHERS....



The unique properties of human hair, such as its texture and thermal insulation, make it an ideal material for use in the manufacturing of stuffed toys and household items such as cushions. Additionally, excess human hair is commonly utilized in laboratory testing for these products. Moreover, mats produced using human hair have been found to be highly effective in controlling oil spills. The human hair industry has made significant contributions to the Indian economy and the global many big industries.

Other....



LABORATORY

Our company is dedicated to providing high-quality hair products to our customers. In order to ensure that we are meeting our customers' specific needs, we will be collaborating with specialized laboratories to conduct rigorous testing and analysis of our hair materials. This testing will involve evaluating the quality, texture, and other characteristics of the hair, and sorting it into distinct categories based on these attributes. By doing so, we will be able to offer our customers a streamlined and efficient process for ordering the precise raw materials that their company requires. Our commitment to quality and attention to detail in this process will enable us to continue providing exceptional hair products to our valued customers.





WEBSITE

Place Order

Full Name
Company Name
Address
Quantity
Phone No.
Email
Instructions

Place Order

world with our brilliant ideas through tireless effort and determination.



Mansi Singh
IGDUTW

Mechanical And Automation
Engineering
2nd Year



Anushka Singh
IGDUTW

Information Technology
2nd Year



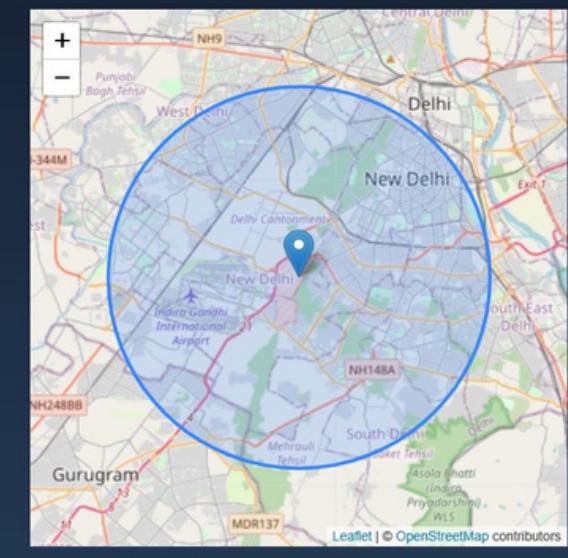
Smita Maurya
IGDUTW

Computer Science And Engineering
2nd Year



Saumya Bharti
IGDUTW

Computer Science And Engineering
2nd Year



Track your Order

Name _____
Tracking No. _____
Tracking Id. _____
Phone No. _____

TRACK IT



Curl

With type 3A hair, S-shaped curls form loose loops. The curls have a circumference a little wider than the large end of a taper candle. One important styling note: Brushing this type of hair can wreck curl definition and lead to a frizzy mane.

Select →



Strength

Hair has a strength to weight ratio comparable to steel. It can be stretched up to one and a half times its original length before breaking.

Select →



Volume

Thin -> Circumference less than 2 inches (5 centimetres) Normal -> from 2 to 4 inches (5 to 10 centimetres) Thick -> more than 4 inches (10 centimetres)

Select →

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Offering valuable services to customers brings immense personal fulfillment and satisfaction. Our services cater to a diverse range of clients, from salons to individuals, and this variety not only enhances the customer experience, but also provides opportunities for growth and expansion.



01 Wigs, Eyelashes etc.

Human hair can be cleaned and used in making artificial wigs, eyelashes, hair extensions, beards, and moustaches. Industries manufacturing such beauty hair



02 Making Manure

Human hair could be used instead of chemical fertilizers for some plants like lettuce, new research in a horticultural journal suggests. Hair also contains hydrogen and



03 Stuffing Toys

Human hair is very silky, stretchy, cushiony, and has good thermal insulation. These qualities make it perfect for use in stuffing toys and household things like

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Quantity _____
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Password _____

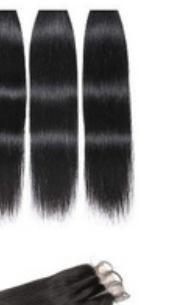
SUBMIT



Straight Hair

Straight (Fine/Thin) Hair tends to be very soft, thin, shiny, oily, poor at holding curls, difficult to damage. Straight (Medium) Hair characterized by volume and body. Straight (Coarse) Hair tends to be bone-straight, coarse, difficult to curl.

Select →



Wavy

Wavy (Fine/Thin) Hair has definite "S" pattern, can easily be straightened or curled, usually receptive to a variety of styles. Wavy (Medium) Can tend to be frizzy and a little resistant to styling. Wavy (Coarse) Fairly coarse, frizzy or very frizzy with thicker waves, often more resistant to styling.

Select →



Coarse

Coarse hair is simply a natural texture that many ethnicities share, and lots of people love having it. When it comes to hair, stylists and dermatologists typically define coarse hair as having a thicker circumference than other hair types.

Select →



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Select →

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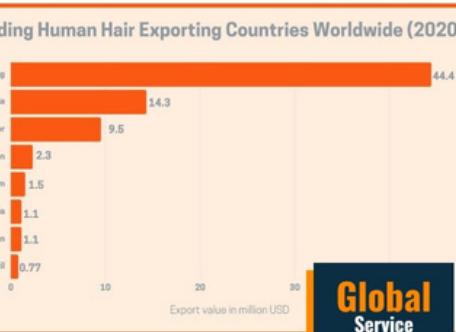
About
Services

Supply Chain

Salons
WareHouse And Transportation

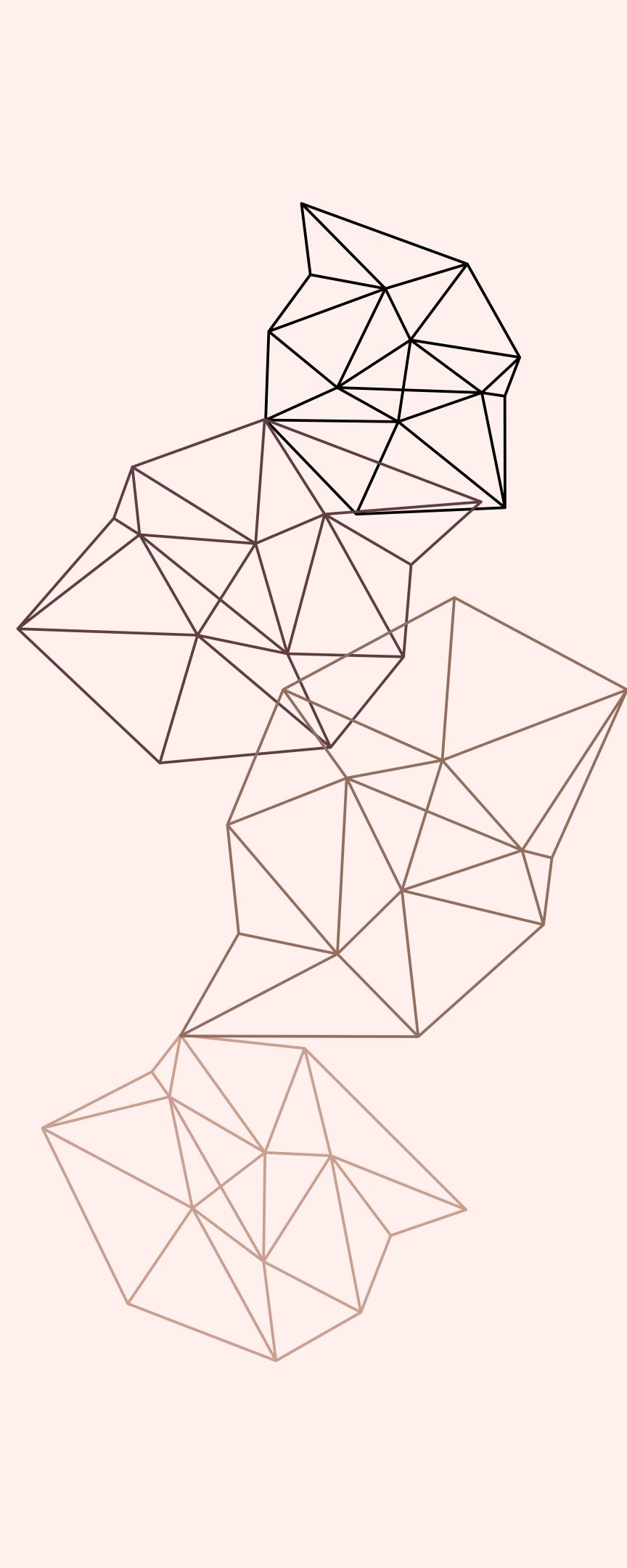


Increase
Warehouse





Tech Stack



HTML

CSS

JAVASCRIPT



Implementation

We plan to create a website utilizing HTML, CSS, and Javascript. Our first step will be to design the home page, which will comprises of various sections including raw product providers (salons) a dedicated section for consumer industries, and a separate area for our employees. Once the salon has entered its information and location, a transportation boy will immediately be appointed to collect the waste hair from that salon with the help of the location tracker. Then the transportation boy will be bringing the waste hair to the nearest warehouse.

Afterwards, the hair will undergo evaluation by skilled professionals who will classify the hair based on criteria such as quality, texture, length etc. Based on the demand from various industries that use hair as a raw material, we will arrange for transportation accordingly.



Wig



Contact Us



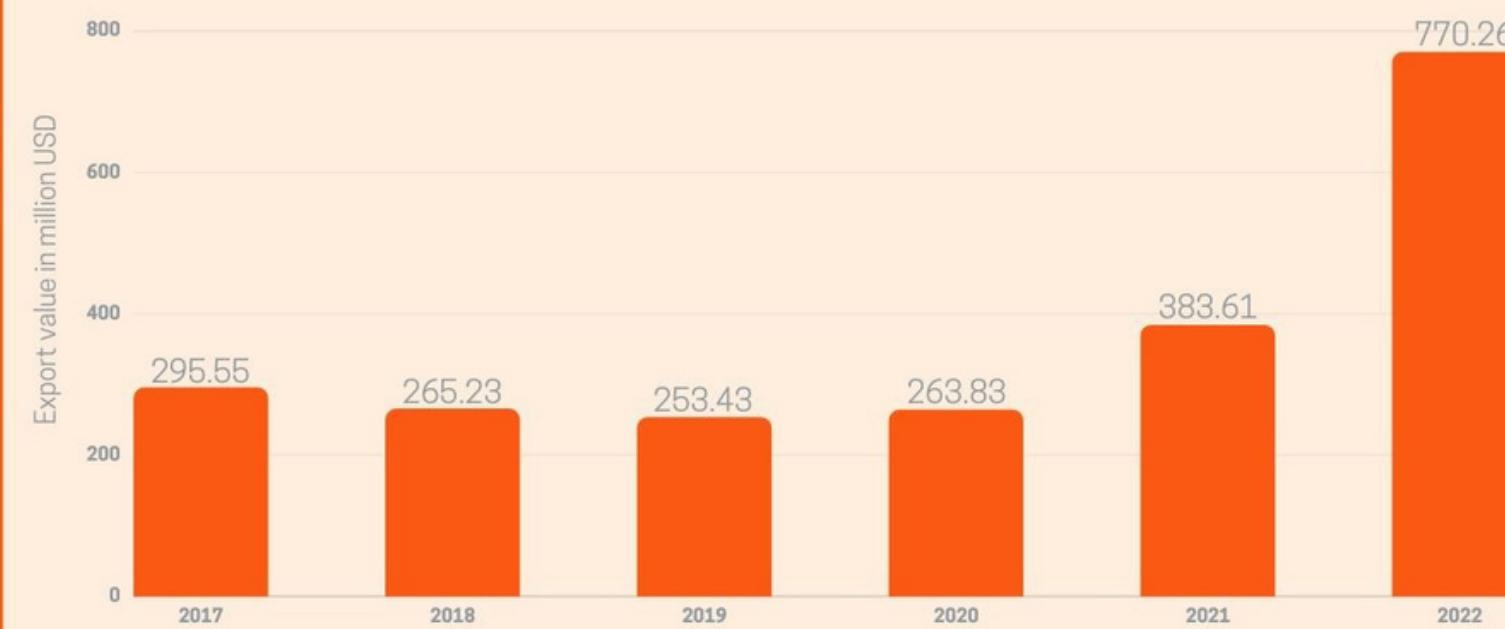
Delivery



Comfortable

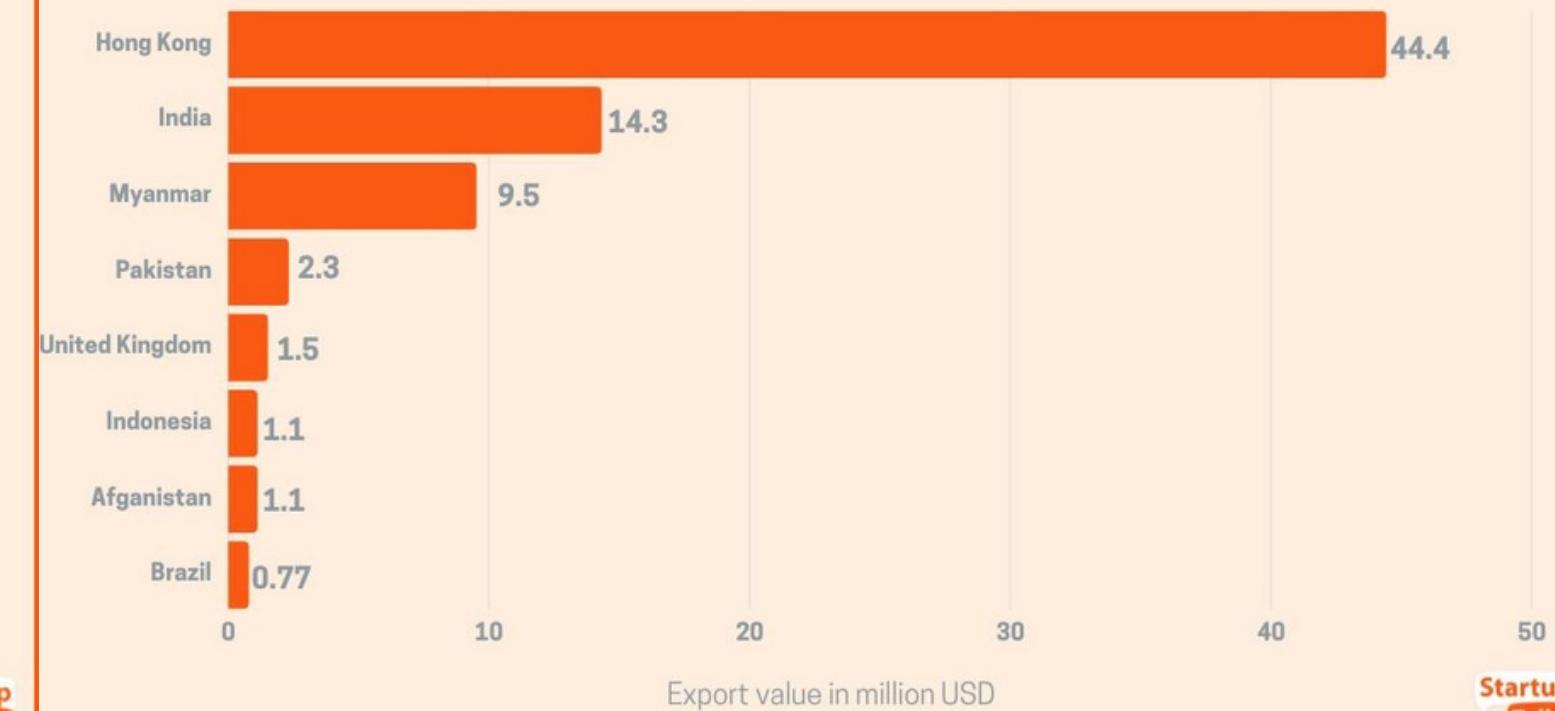


Value of Human Hair and Related Products Exported from India (FY2017 - FY2022)



Startup
Talky

Leading Human Hair Exporting Countries Worldwide (2020)

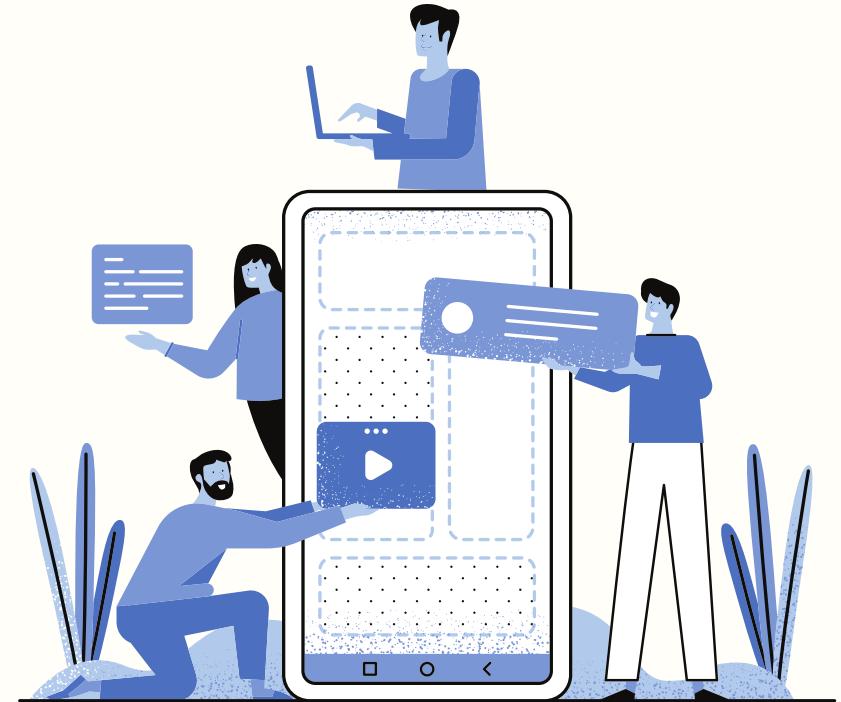


Startup
Talky



Revenue

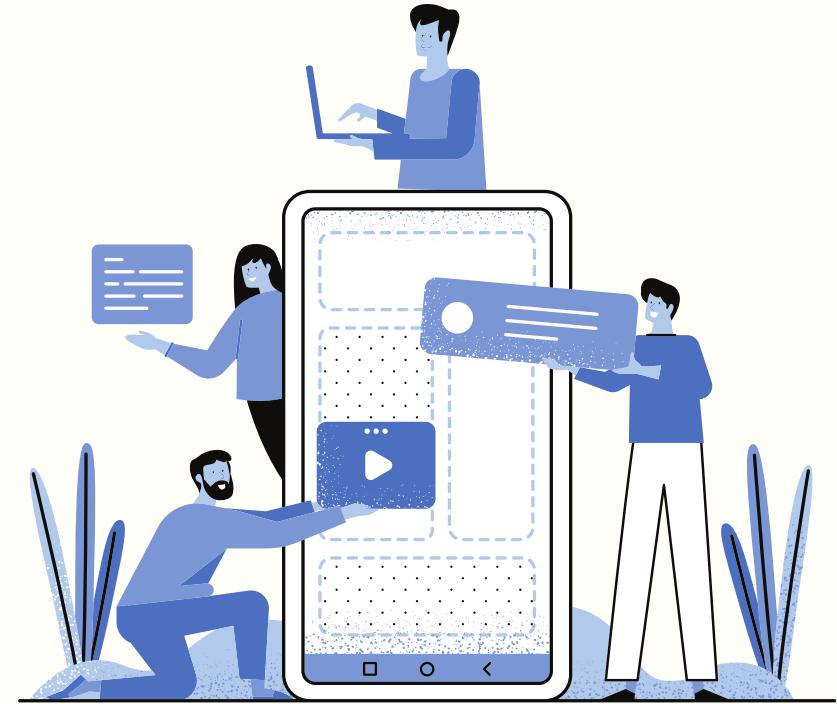
The investment required for raw materials will be minimal as waste human hair is a sustainable resource that is readily available and of high quality in India. To minimize initial costs, we will be renting existing warehouses and small laboratories. Our recruitment strategy will involve hiring local delivery personnel with basic phone and tracking system skills. Once the business becomes profitable, we plan to establish our own warehouse and laboratories staffed by trained professionals.





Future Scope

In the future, we plan to create an app and increase the number of warehouses to minimize the travel distance for our delivery person to acquire raw materials. It would also help us to expand our connectivity.



As part of our expansion strategy, we are putting a strong emphasis on exporting Indian hair globally. Indian hair is highly sought after due to its premium quality and luxurious texture, making it a valuable and lucrative product in the international market.





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