

## Requirement Analysis:

### Functional Requirements:

- **User Authentication:** For Secure login and registration for donors and organizations.
- **Donation Submission System:** Process for donors to submit their hair donations, including guidelines and requirements.
- **Organization Verification:** A feature allowing administrators to verify and approve legitimate organizations.
- **Communication System:** Facilitating interactions between donors and organizations.

### Non-Functional Requirements:

- **Usability:** Ensuring an easy-to-navigate interface for all users.
- **Scalability:** Designing a system that can accommodate future development and international collaborations.

## Discussion:

For many cancer patients, hair loss is more than just physical but also emotional. It affects confidence, identity, and self-esteem. At SHair, we believe in restoring hope. Our seamless donation process makes it easy to give and change lives. With an intuitive interface, SHair connects donors with those in need, ensuring every strand finds purpose.

## Challenges Addressed:

SHair addresses key challenges in hair donation by enhancing transparency; providing verification system to prevent malpractices and providing tracking features so donors can see where their hair goes.

By enabling remote contributions or accessibility, SHair eliminates location constraints and supports both individual donors and future organization partnerships. It also provides an efficient donation process by removing the need for physical visits and allowing organizations to process donations faster through digital records.

## Comparison:

SHair revolutionizes hair donation by addressing the limitations of traditional norms. This highlights the differences between traditional and modern donation methods, making it easier to see the benefits of web-based donations. It shows the best approach based on the features, such as accessibility... and needs of an individual. While indicating the advantages and advocacy of the SHair website.

## **Future Improvements**

Expand platform features:

- Multilingual Support - Enable automatic language detection based on user location to translate for supporting international donors.
- Chatbot or Virtual Assistant - Assist users with common questions and guide them through the donation process.

Global Outreach & Expansion:

- International Donations & Shipping - Partner with global logistics companies to facilitate overseas hair donations.
- Work with cancer foundations worldwide to expand the platform's impact.

Enhance Security :

- Two-factor Authentication - Improve account security by requiring additional verification for logins.

Integrate Charity Partnerships:

- Crowdfunding Integration - Allow users to donate funds for cancer patients alongside hair donations.
- Social Media Sharing & Awareness Tools - Add built-in social media sharing for donors to encourage their friends.