

Assignment #7 Constraint Essay - Group Assignment

AiSL: Ikran Warsame, Fareena Khan, And Elshaddai Melaku

Ikran (Diversity & Cultural):

For the diversity and cultural topic, our solution aims to provide a resource for people to understand Deaf culture and communication. A cultural constraint that could impact our solution is local customs. We have to approach this project and develop our solution with sensitivity and thoughtfulness towards the Deaf culture. We cannot make assumptions with local customs and lifestyle. We want to provide an accurate understanding of American Sign Language and how it pertains to Deaf culture. Promoting diversity plays a huge role in the design of our project because we aim to give representation towards how the Deaf community communicates. Furthermore, with our solution, we can encourage hearing people to learn another way of communicating with the Deaf community.

Fareena (Social):

Socially, our project can be used in educational settings, like schools, libraries, and deaf serving nonprofits that promote inclusive communication. Our project focuses on full sentences and natural expressions, following ASL grammar instead of just doing word-for-word translation. This helps learners understand how ASL really works in conversation and builds more accurate, respectful communication with Deaf individuals. By making authentic ASL practice more available, our project encourages inclusion and strengthens connections across the Deaf and Hard-of-Hearing communities.

Elshaddai (Ethical):

Our project requires ethical consideration of how we represent and interact with Deaf culture. We must ensure that the tool accurately reflects American Sign Language (ASL) grammar and cultural norms and must be careful to not simply or misrepresent them. The design of our solution must respect the community's communication practices. Additionally, we must avoid unintentionally framing ASL as just a translation of English. Ultimately, we aim to create an inclusive and respectful solution that benefits both Deaf and hearing users, promoting understanding rather than exploitation.