Virtual Trial Room using AI and AR
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Abstract: The phrase refers to a Virtual Trial Room application that uses Augmented Reality (AR) and Artificial Intelligence (AI) to let users virtually try on clothing. The virtual garments are used to map or determine the user's dimensions or alignment. The lighting intensity of the clothing render is adjusted to fit ambient lighting conditions, and the clothing moves and folds realistically. By employing 2D clothing models in addition to 2D photos, the offered application outperforms comparable augmented reality applications.

Keywords: Augmented Reality, 2D image, Alignments of clothing, Machine Learning.

REFERENCES