Many online shopping platforms lack the depth and versatility required to cater to the diverse and ever-evolving fashion preferences of today's consumers. While they may offer a wide range of products, the ability to tailor and customize these items according to one's unique taste is often limited. Users are typically constrained to selecting from pre-designed options, which restricts their creative expression and can result in a generic shopping experience. This limitation hinders the full realization of personal style and makes it challenging for individuals to find and create outfits that truly resonate with their fashion sensibilities.

Furthermore, the absence of a comprehensive 3D customization solution within the fashion industry exacerbates this problem. The conventional 2D representation of clothing on online platforms fails to capture the subtleties of fit, style, and individual preferences, leaving a gap in the market for a more immersive and interactive solution. By introducing a 3D outfit customizer, this project aims to bridge this gap and empower users to explore and materialize their unique fashion visions, ultimately revolutionizing the way fashion is both experienced and consumed in the digital age.