

# moopi

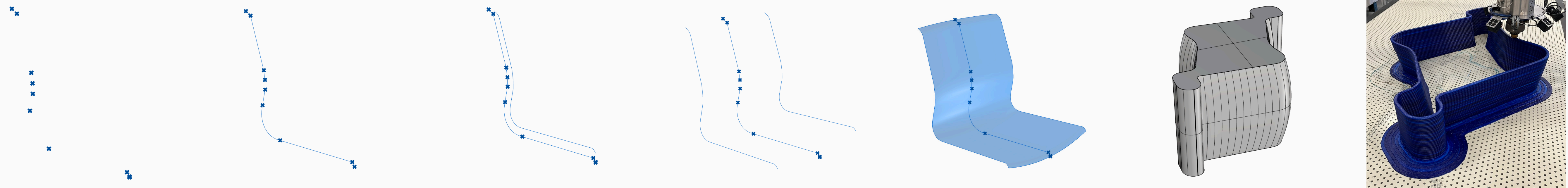
## MASS-CUSTOMIZED 3D PRINTED HOME OFFICE DESK CHAIR

As remote work becomes increasingly popular, many people are working or studying at their dinner table while seated in a chair that does not adequately support them or is not appropriately sized, leading to various physical complaints. Traditional office chairs are often big and bulky, and their design does not complement home environments. Additionally, adjusting these chairs correctly can be challenging since users often lack knowledge on how to do this and how to maintain a healthy posture.

The objective is to design a parametric chair that is both simple and beautiful, using customer body characteristics to create a mass-customizable 3D printed chair. This chair should fit seamlessly into the user's home environment while being personalized to their body. It is essential to obtain a thorough understanding of the home office

worker's context and the definition of a healthy posture. This ergonomic knowledge is used to convert body measurements into a bucket chair design that provides the user with support in various postures while maintaining a comfortable and healthy posture.

It is crucial for a chair to allow for posture variation and provide support and comfort in forward, upright. An algorithm generates a functional 3D-printed prototype with all elements personalized to the body dimensions of the intended user.



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moopi, the mass-customized 3D printed home office desk chair  
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Integrated Product Design

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