

DESIGN OF DIVING GLASSES

RELEVANT BODY DIMENSIONS:

TABLE 1. ANTHROPOMETRIC MEASURES

ID	BODY DIMENSION	VALUE	PERCENTILE
A	Nose bridge length	45	52
B	Face width	160	100
C	Nasal root breadth	22 mm	1
D	Face length	150	100
-	Head circumference	550	7

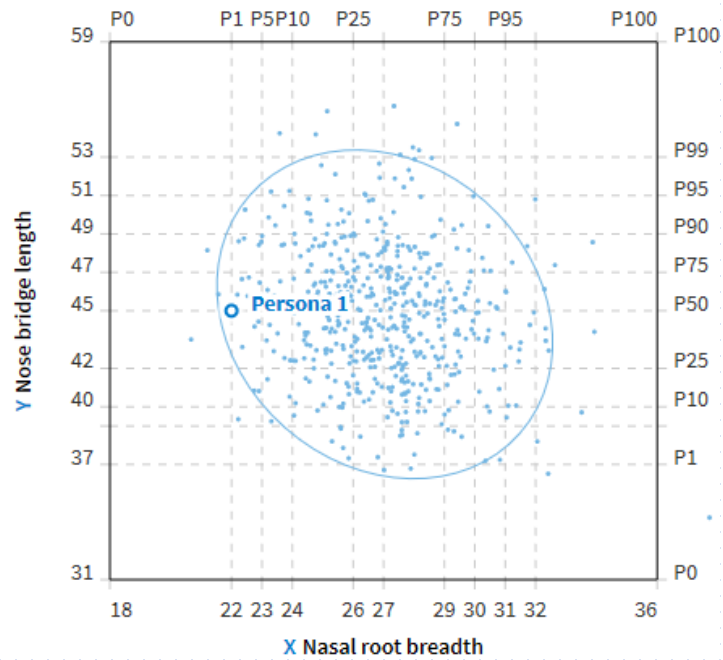


Figure 1: Nose Bridge length vs nasal root breath.

Author: Robinson Haro.

OBJECTIVE GROUP:

Men and Women from 18 to 60 years old who practice diving, (CEASAR for adults).

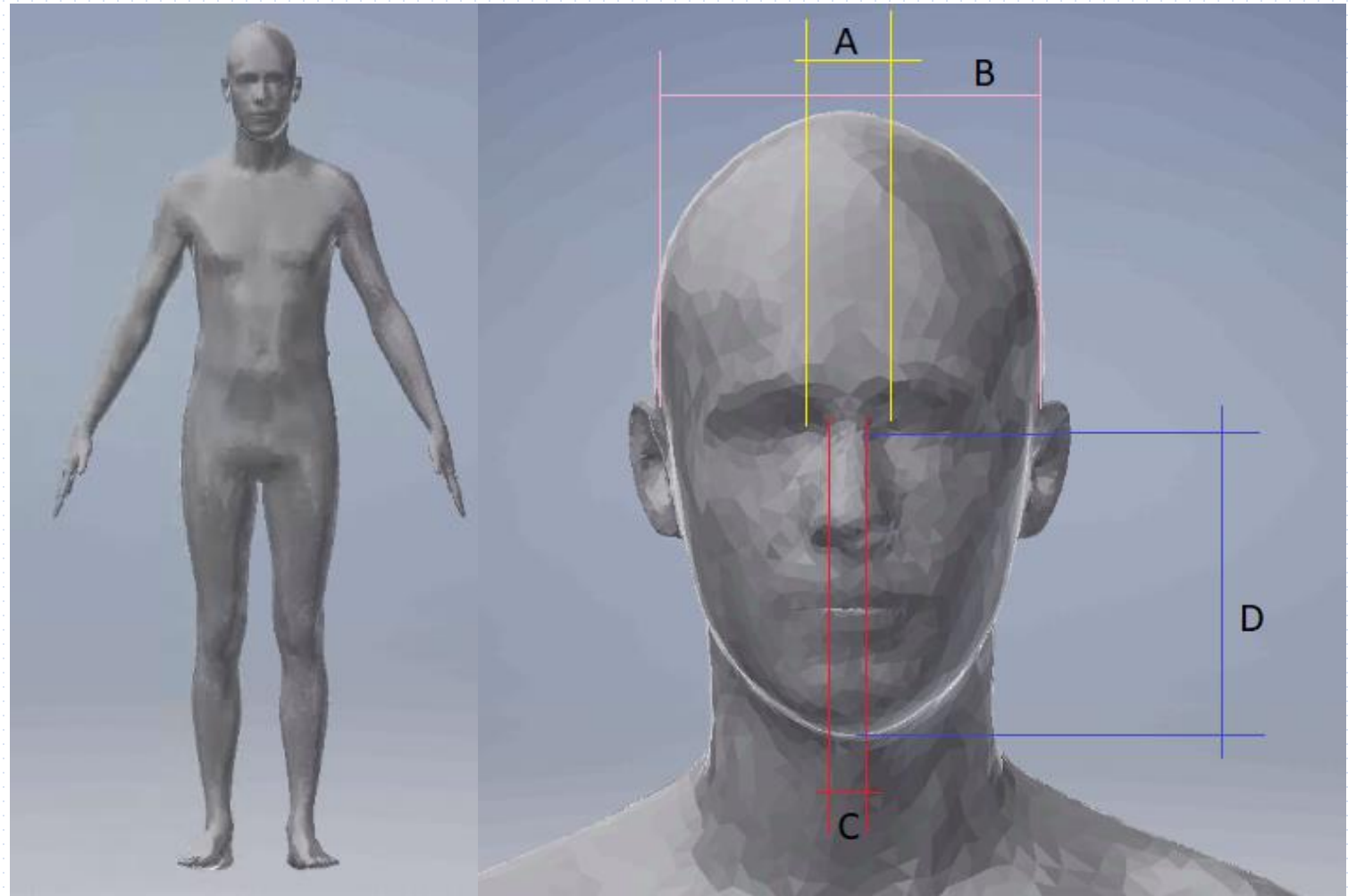


Figure 2: Mannequin obtained in the simulator.

Source: <https://dined.nl/en/mannequin/tool>

DESIGNED PRODUCT.

INVENTOR was used to design the diving glasses.

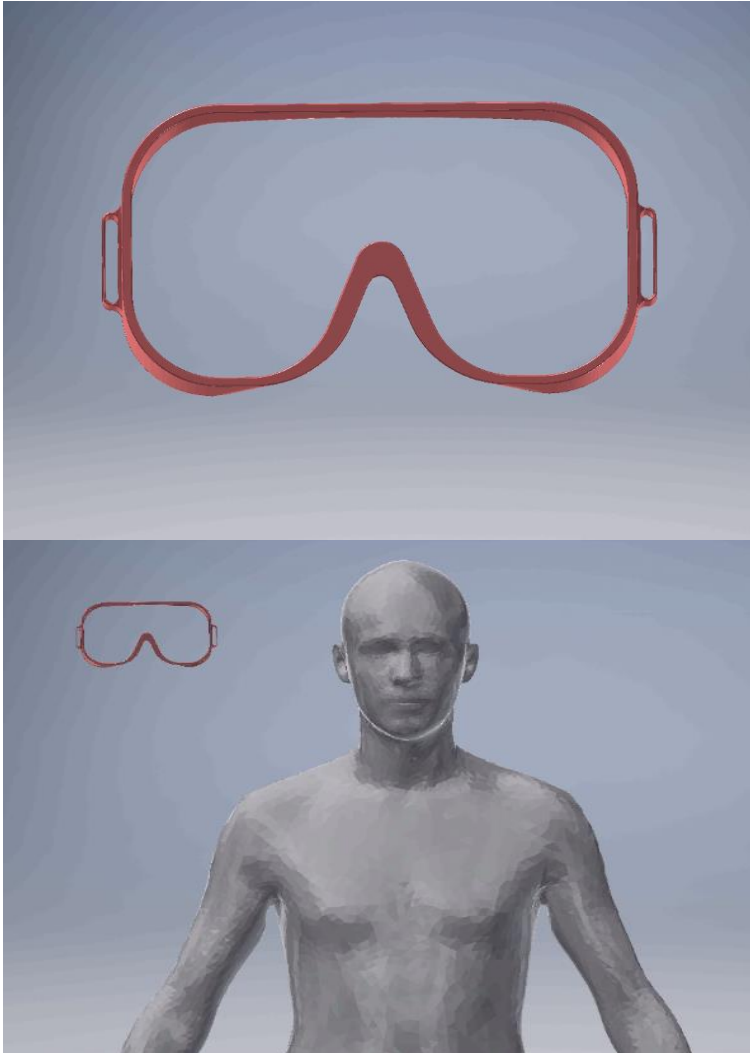


Figure 3: Final designed product.

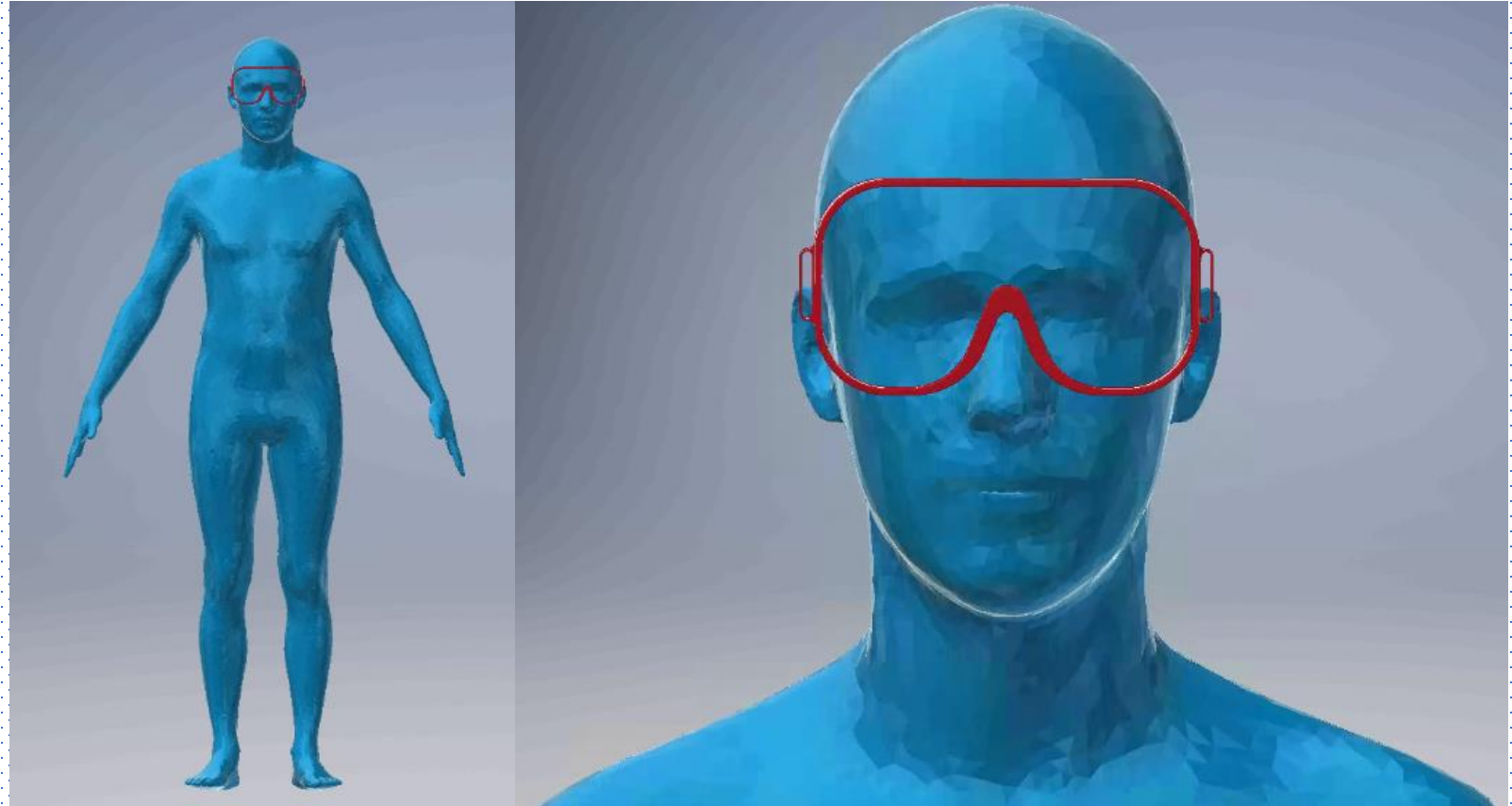


Figure 4: Final product.

The frame of the diving goggles holds all the components in place, SO THEIR RIGHT DESIGN IS ESSENTIAL, Today most are made of lightweight plastic material, HDPE, LDPE, PVC, etc.