



NATURE AND FORM STUDIES

Design a product taking inspiration from
nature.

Client: 5 years+

Duration: 4 weeks

ABOUT DEVIL MANTIS

One of the largest species of praying mantises, possibly the largest that mimics flowers. Adult has beautiful white with green markings, a big shield on its back and an amazing display behaviour showing red, white, black and blue markings. On the outside this mantis is white and green striped.

They show unique deimatic display where they will raise their raptorial legs straight up aligned next to each other. This combined with the very wide surface of the legs gives the illusion that the mantis is much larger in size than it actually is. Doing this also exposes the area on the inner surface of the legs, which is brightly colored in red, white, blue and black.

When resting these colors cannot be seen, but when it feels threatened it will raise its body and point its arms upwards, showing the bright colors. In presence of prey, Mantis, impersonating a flower, remains motionless. Its objective is to seduce the insect into its striking zone.



Skin Shedding

Head Rotation: 180 degrees

Show bright colors to scare off preys

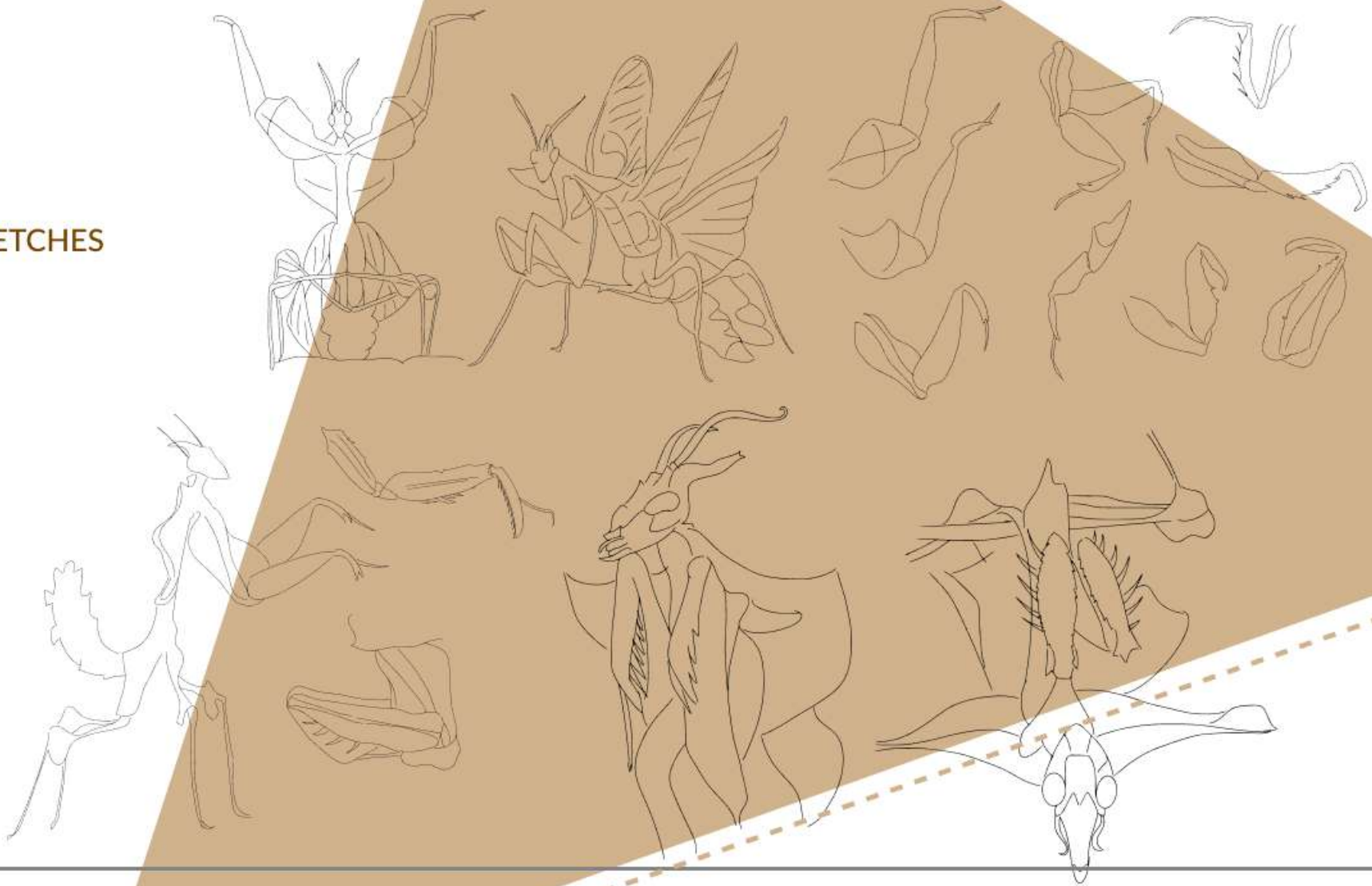
Slender Body

Develop after molting

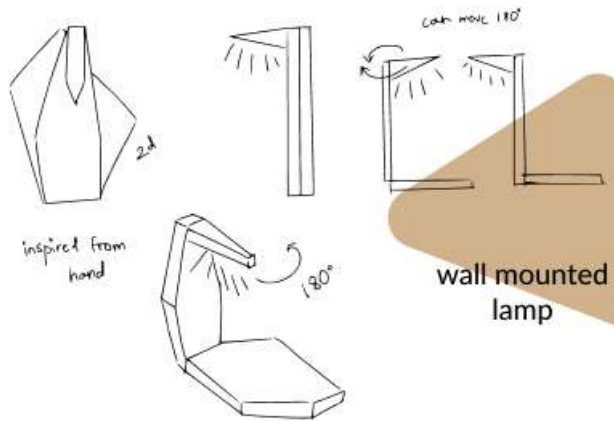
Geometric postures

Camouflaging with environment

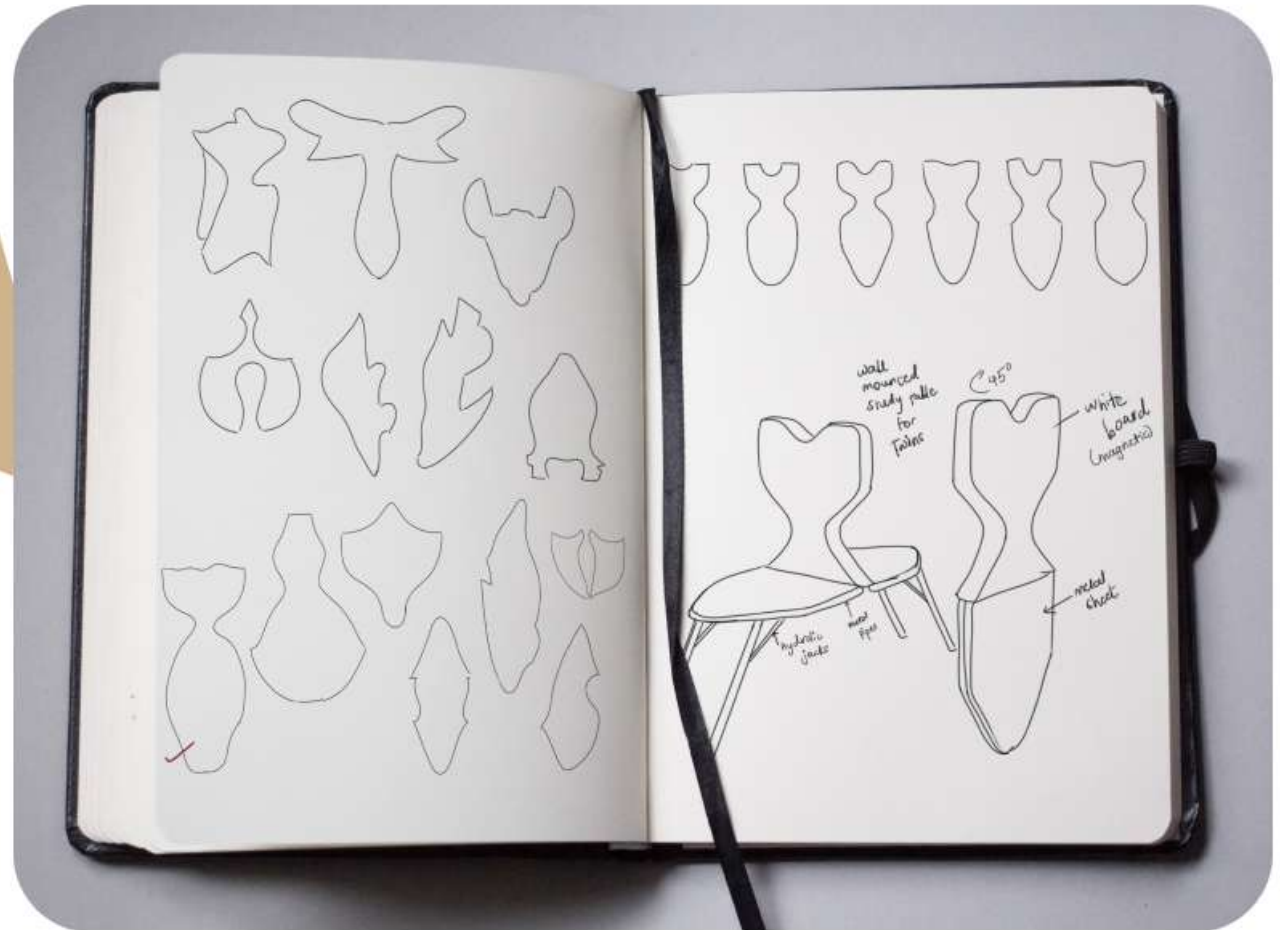
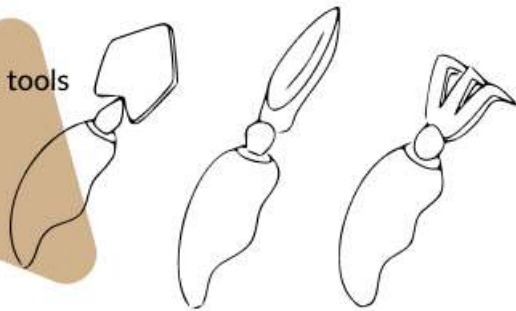
SKETCHES



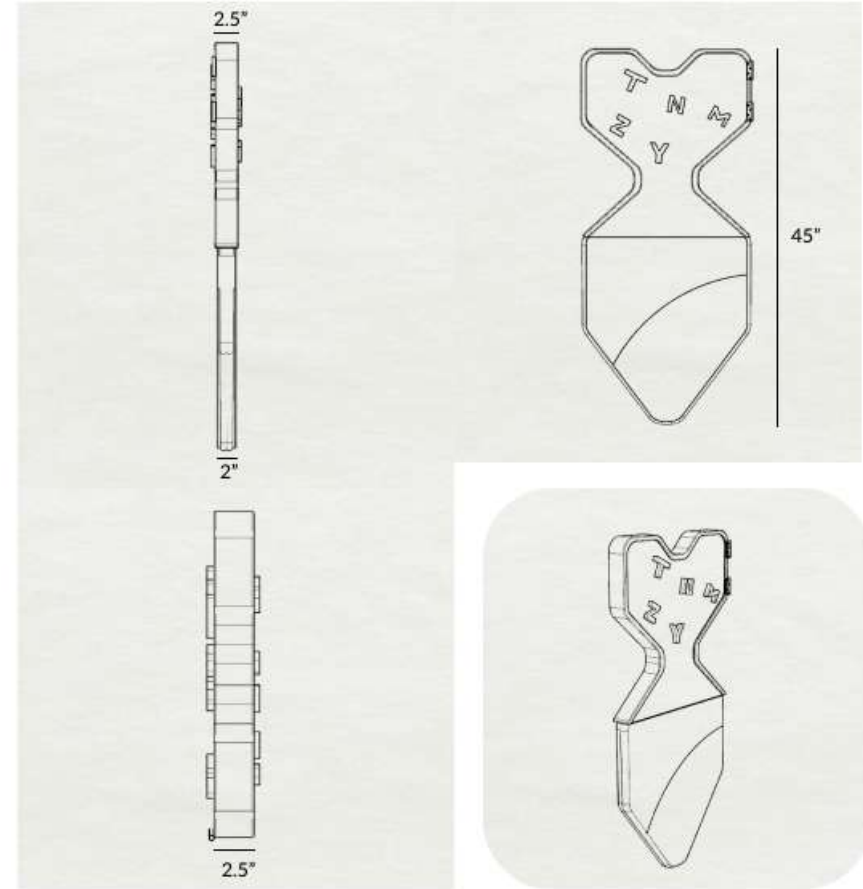
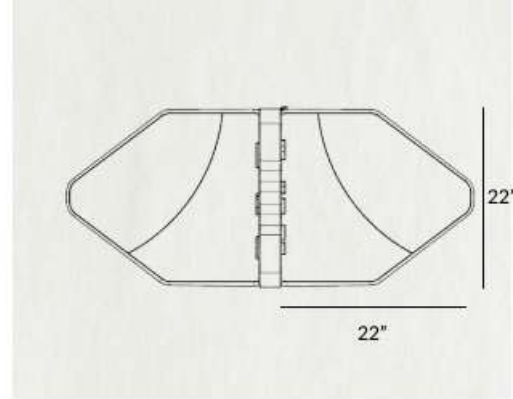
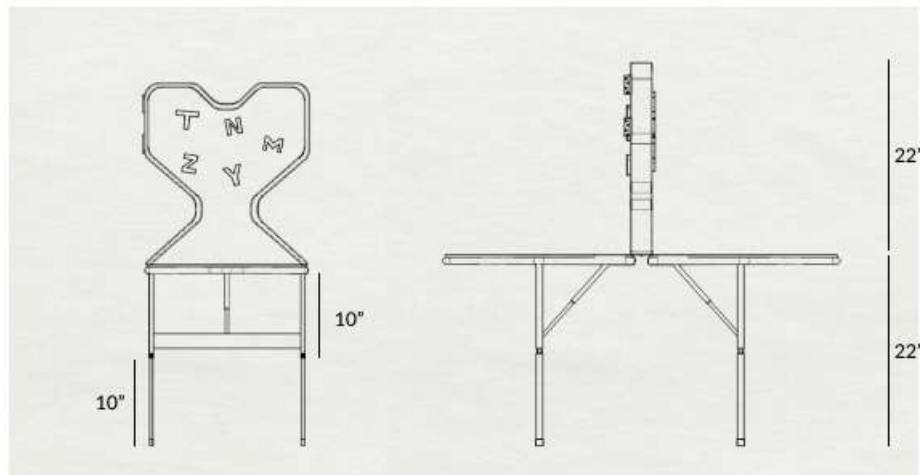
CONCEPTS AND FORM GENERATION



Gardening tools



ORTHOGRAPHIC VIEW



3D MODEL

Magnetic white
board

Hinges for wall
mounting

CRC metal sheets

Flexible legs

MS pipes

Hydraulic jacks



PRODUCT IN ENVIRONMENT

