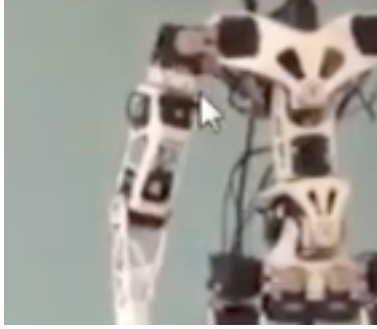


# Task: Redesign the Bobi robot upper arms.

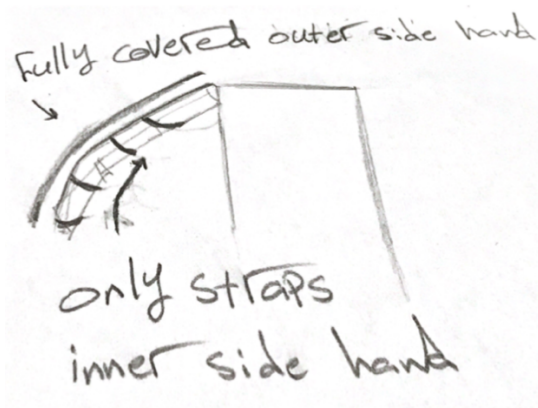
**-Problem:** having many hauls in the original design, which will cause the robot to be broke easily.



**-Design advantages:** lightweight, fast response.

**-Design drawbacks:** broke easily, high cost not applicable to always reproduce it with any problem.

**-Suggested solution:** design the robot upper hand with no hauls. Instead of that using fully covered outer robot side hand and only straps in the inner side hand. [such a way required 4 parts of the covered side not only ones so it can keep the robot hand movement flexible]



**-Design advantages:** reasonable weight, fast response, guaranteeing protection.

**-Design drawbacks:** reasonable cost.

By: collaborative work of trainees