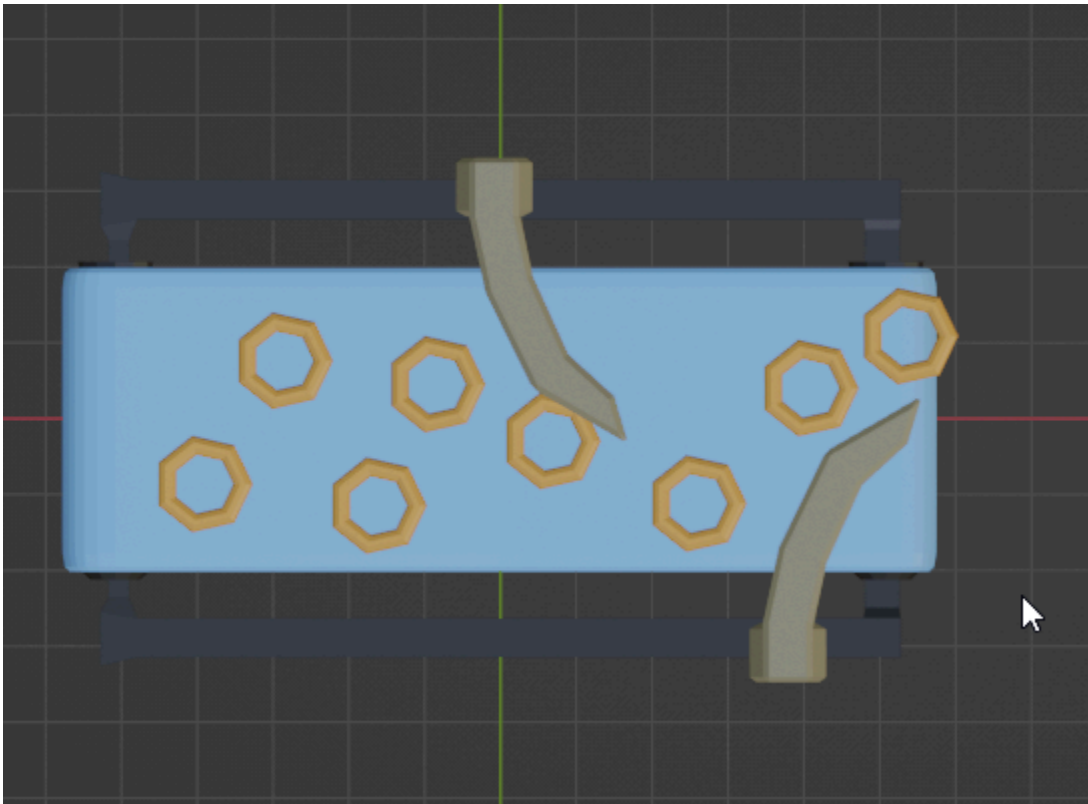
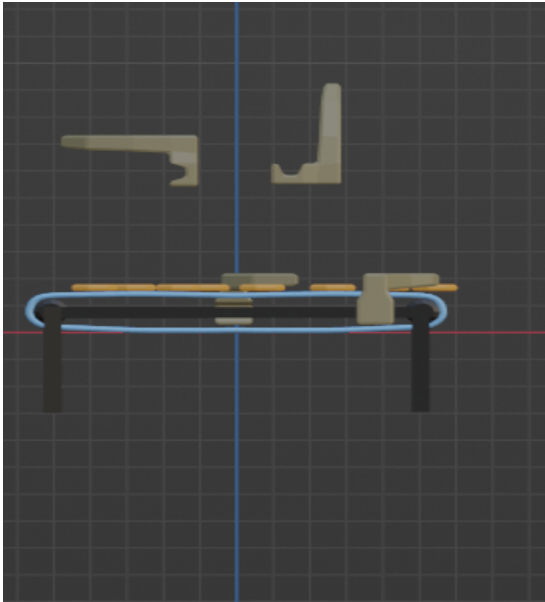


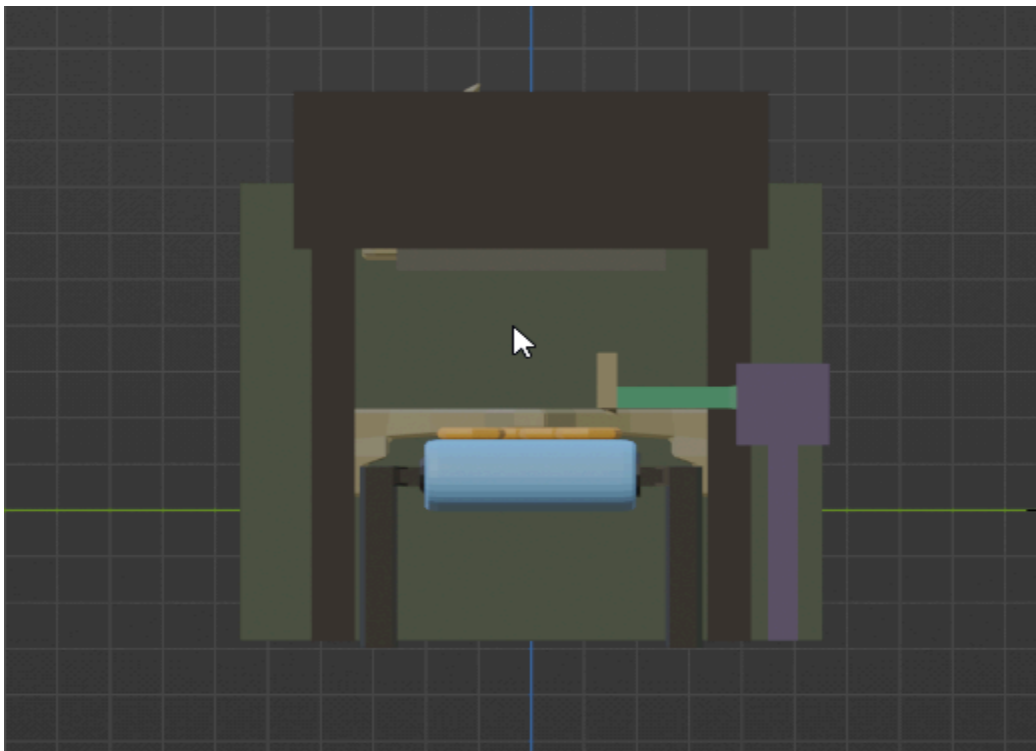
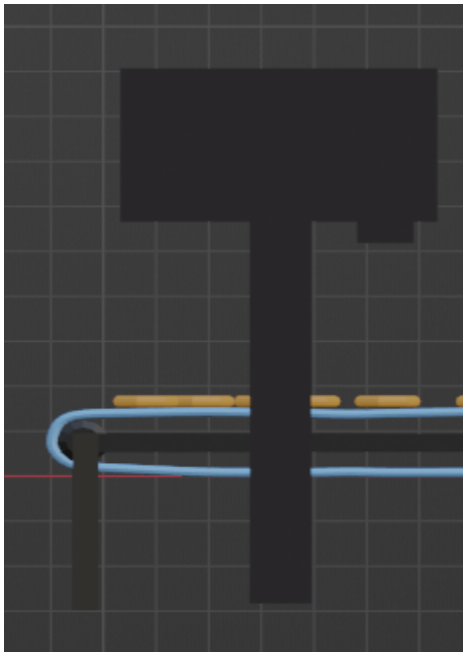
1. The system consists of 3 stations:

- a. Station1: the alignment station to organize and align the queue of production
 - i. Here the alignment is connected to the conveyor railway via clippers



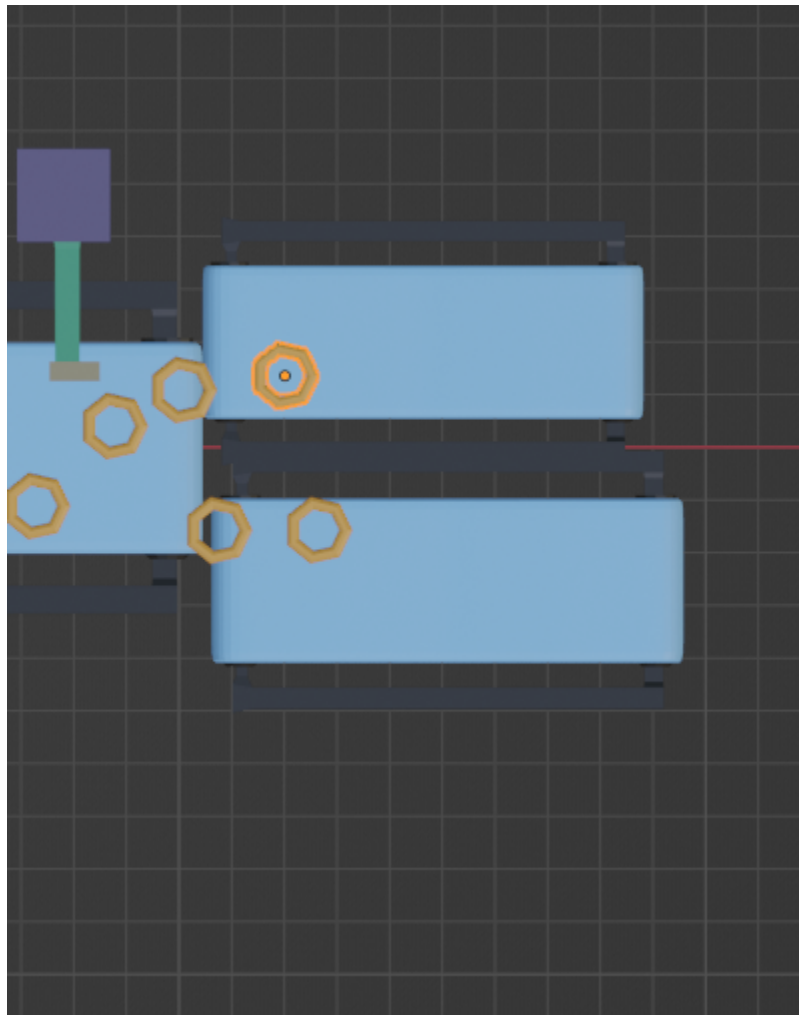
A conveyor belt line acts as the transition from this line to the next.

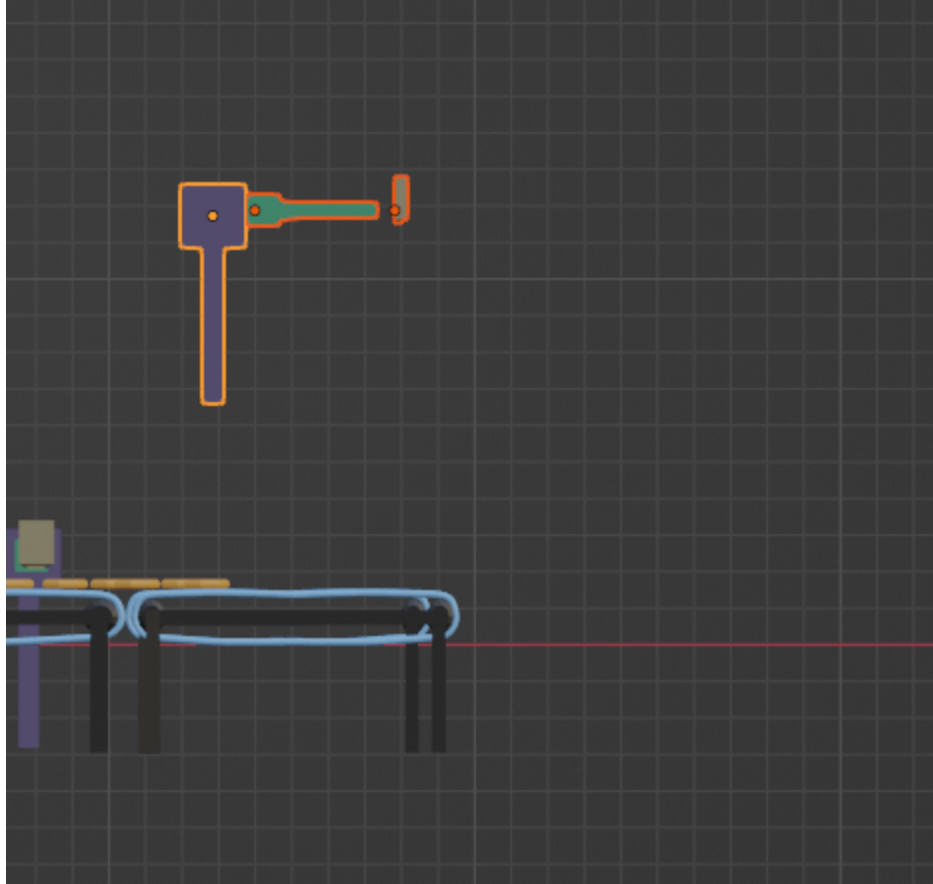
- b. Station 2: the detection station with the sensory box to check for defective products, that gives command controls to the sorting station for direction
 - i. The box has housing for the camera (sensor), light for accurate reading
 - ii. It stands on adjustable height stands to fit multiple dimensions



A conveyor belt line acts as the transition from this line to the next.

- c. Station 3: The sorting station consists of a solenoid that pushes the defective product away from the production line to be either put in a container next to the conveyor or placed on another line till the collective stage





e.

A conveyor belt line acts as the transition from this line to the next.

f. Station 4 is the packaging station.