

Vending Machine

학점 자판기

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주제 선정

1

실생활에 많이 접하는 제품

2

다양한 Assembly와 Kinematics

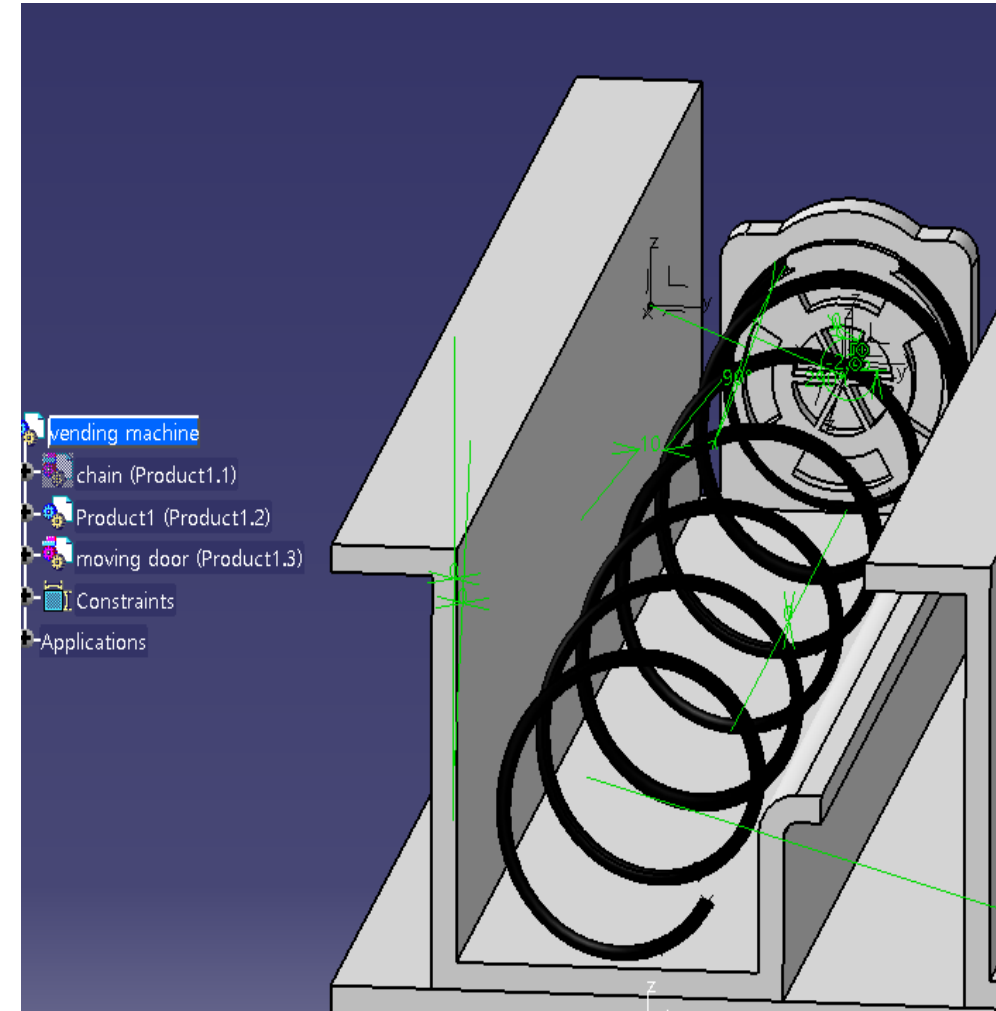
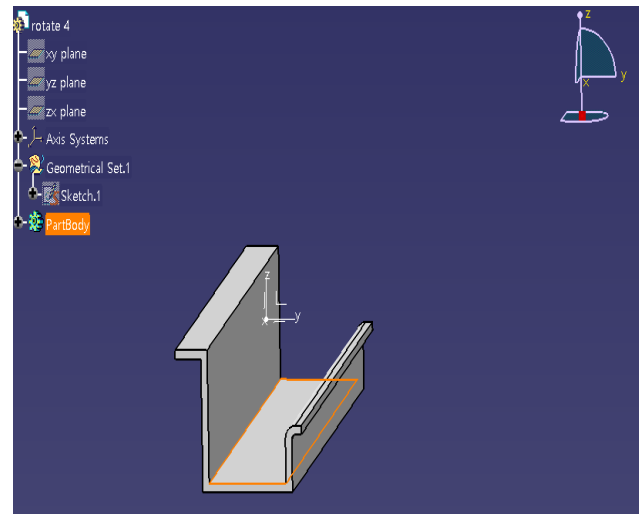
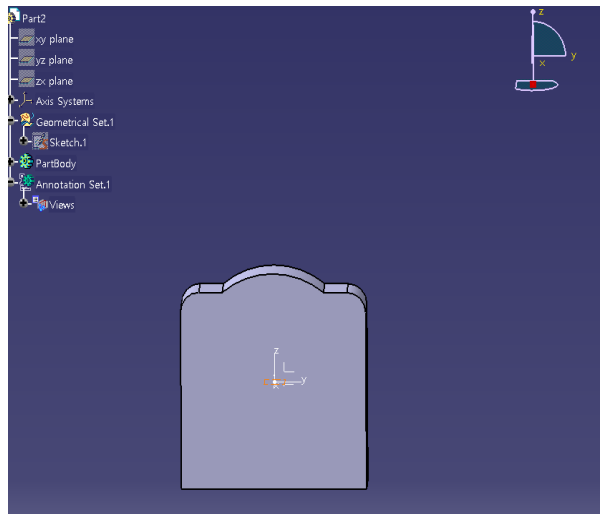
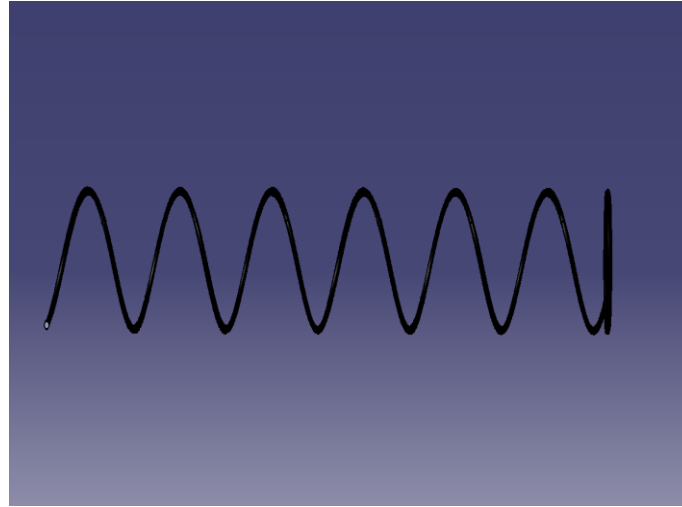
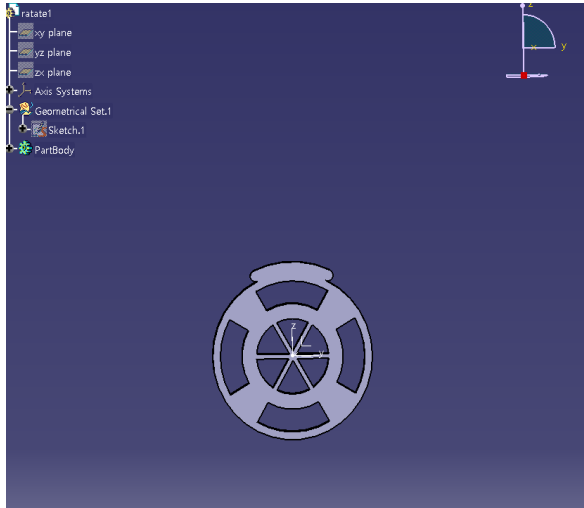
3

한 시퀀스로 표현 가능

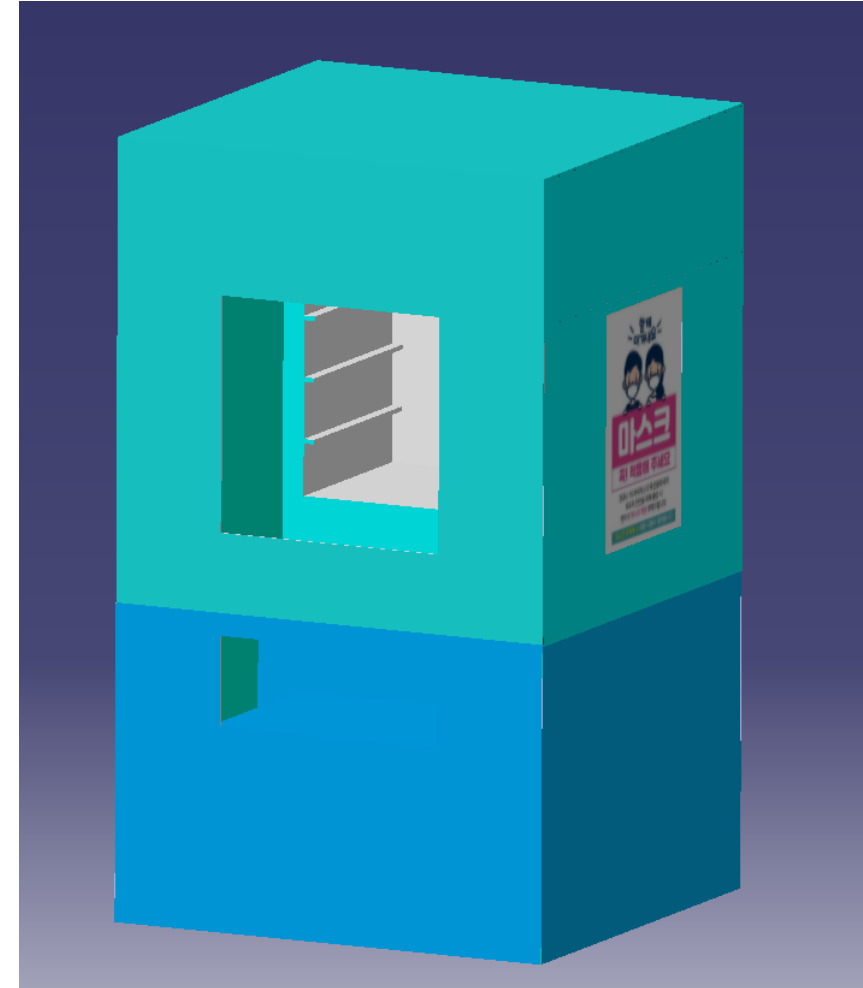
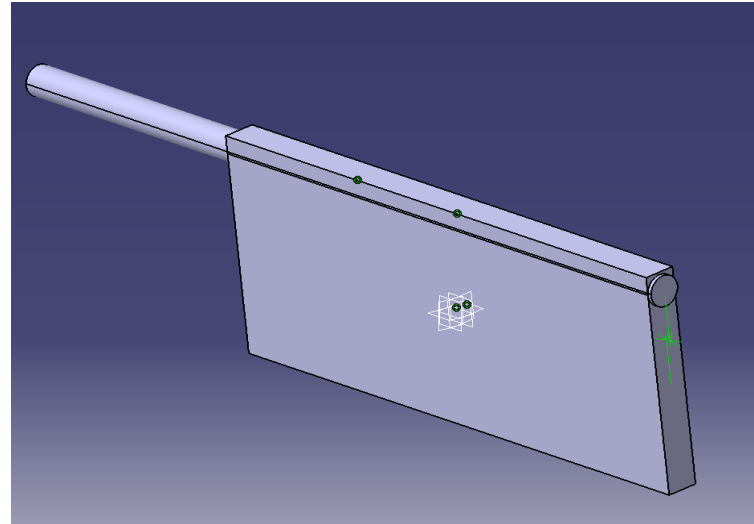
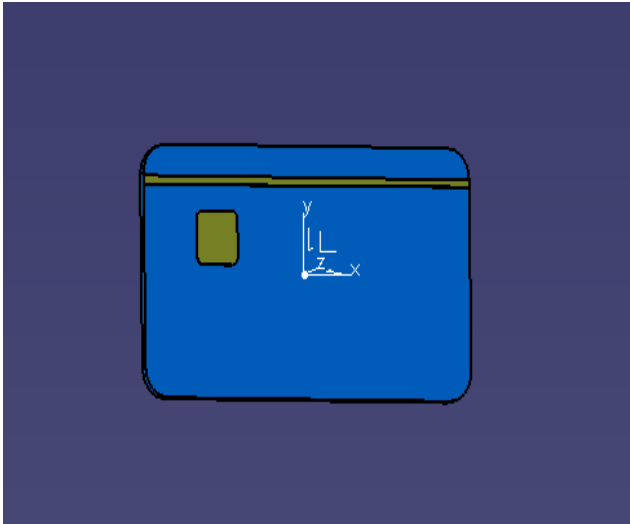
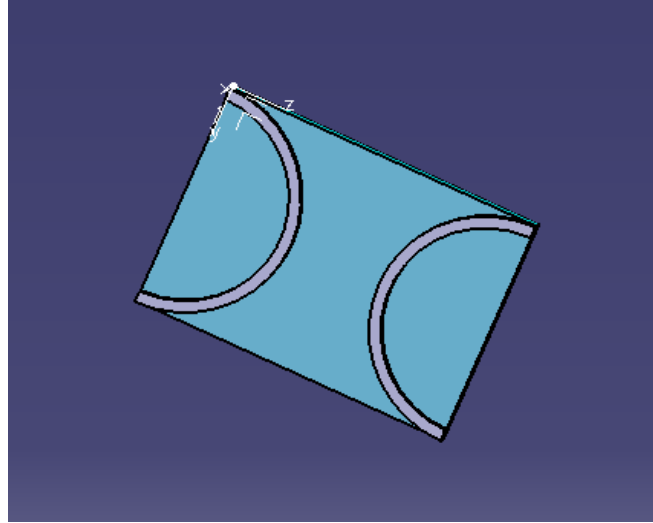
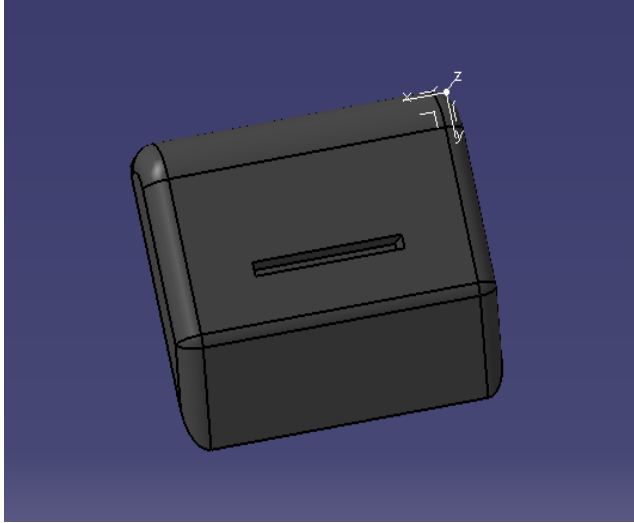
4

코로나 시기를 기억할 수 있는 제품

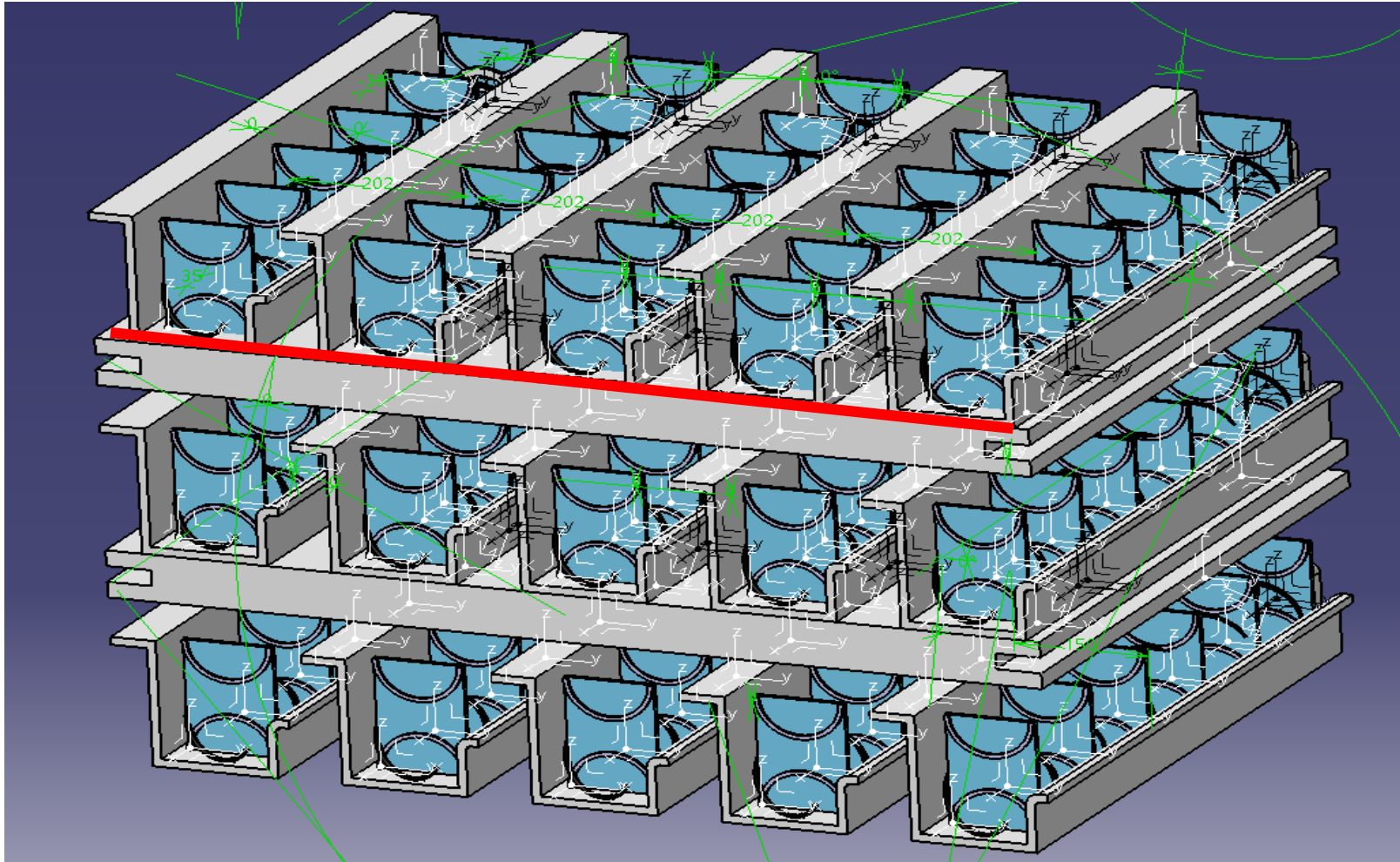
Assembly



Assembly



Assembly

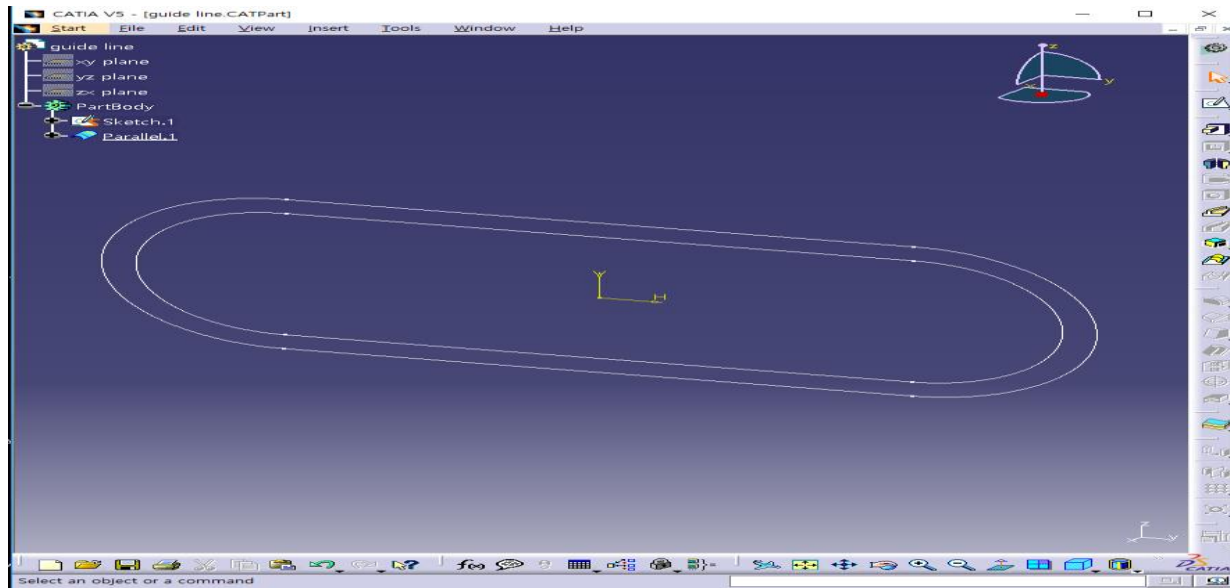
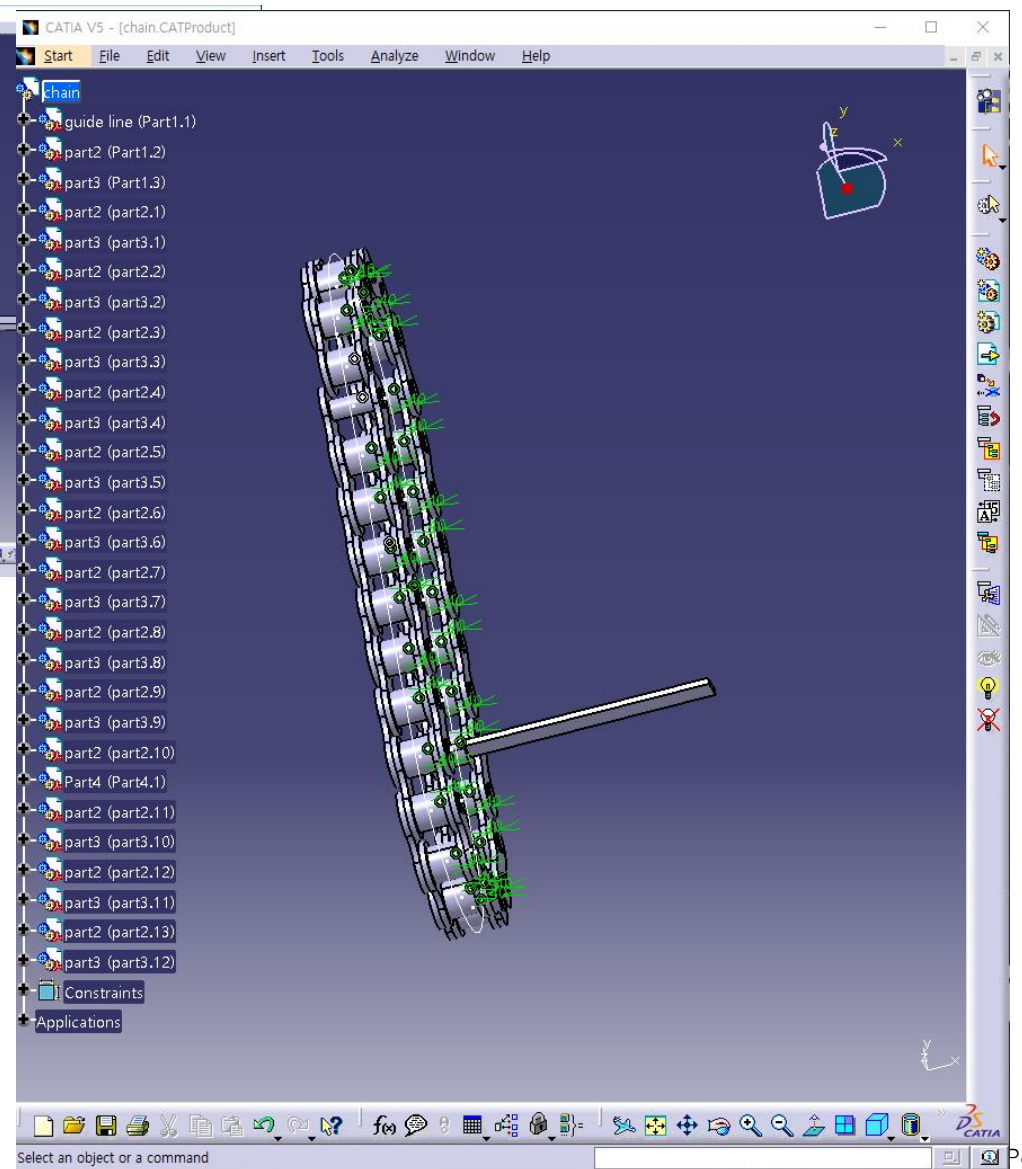
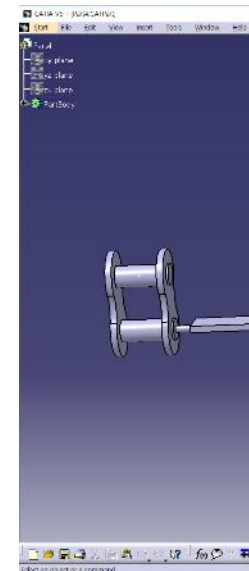
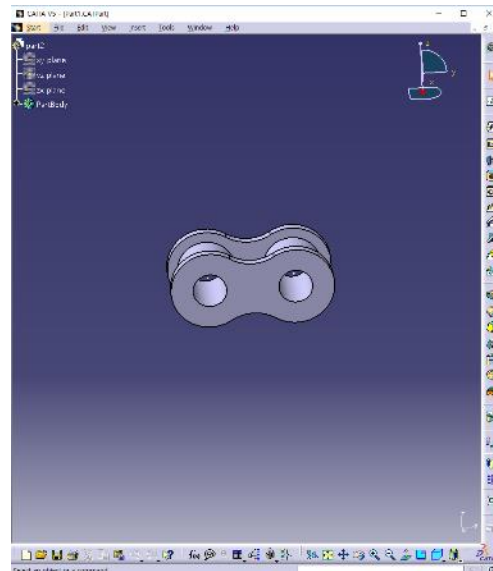
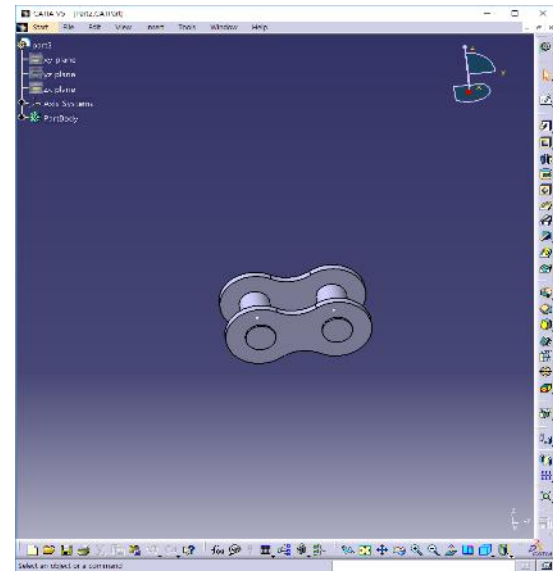


Define Multi-Instantiation

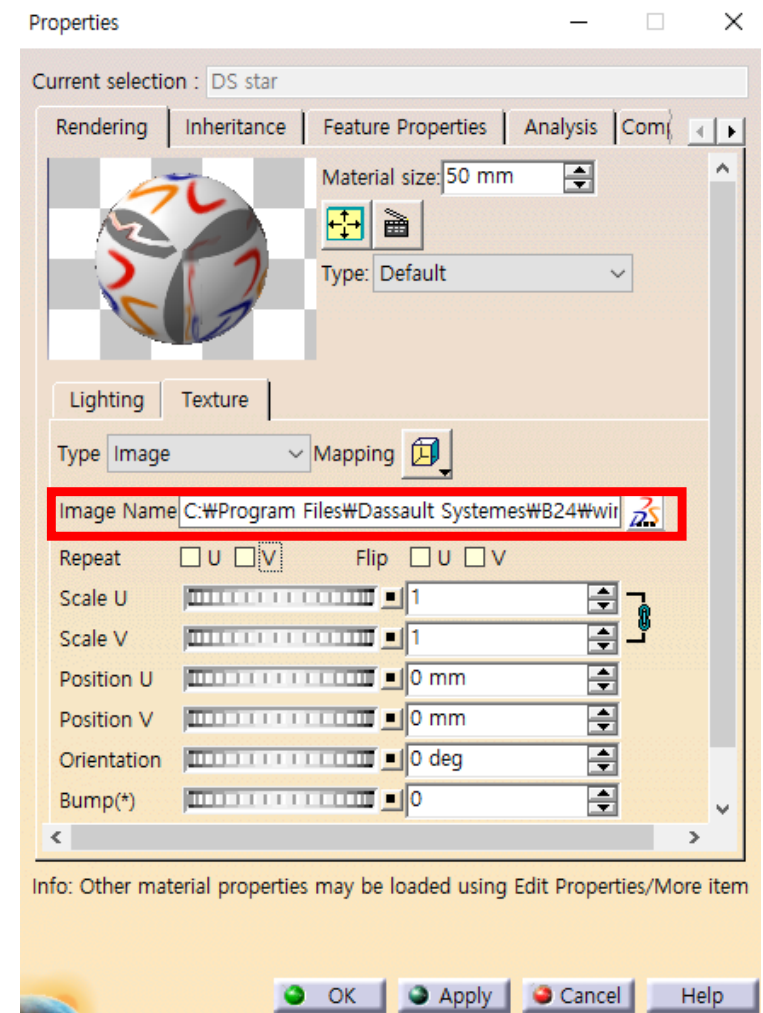
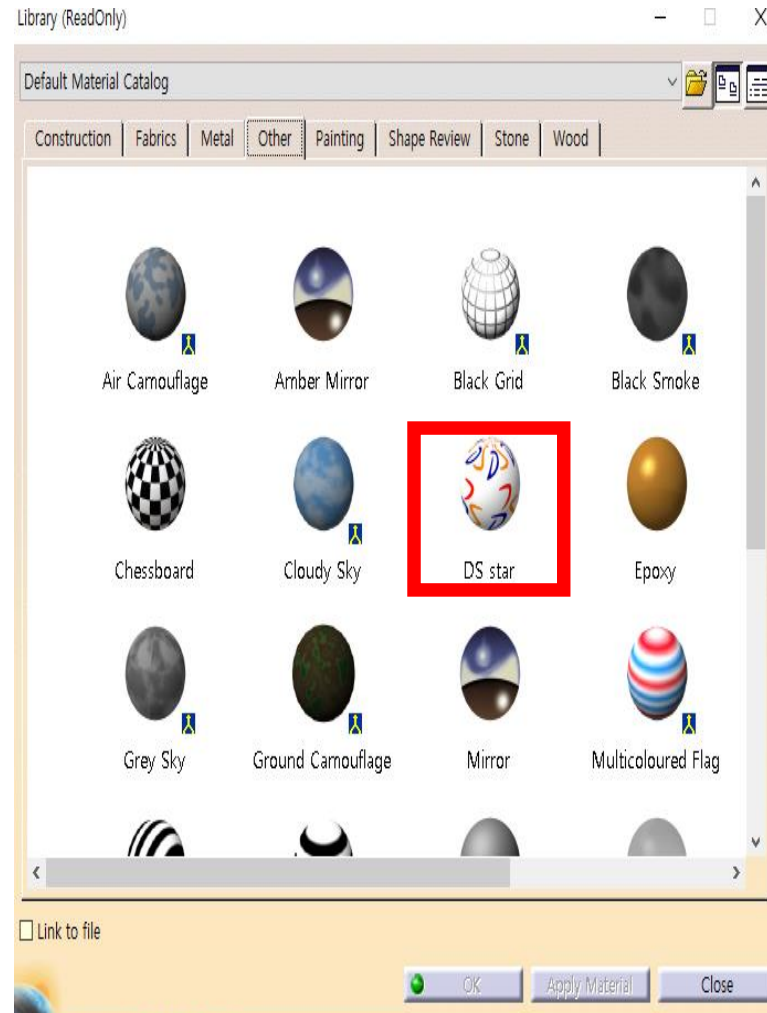
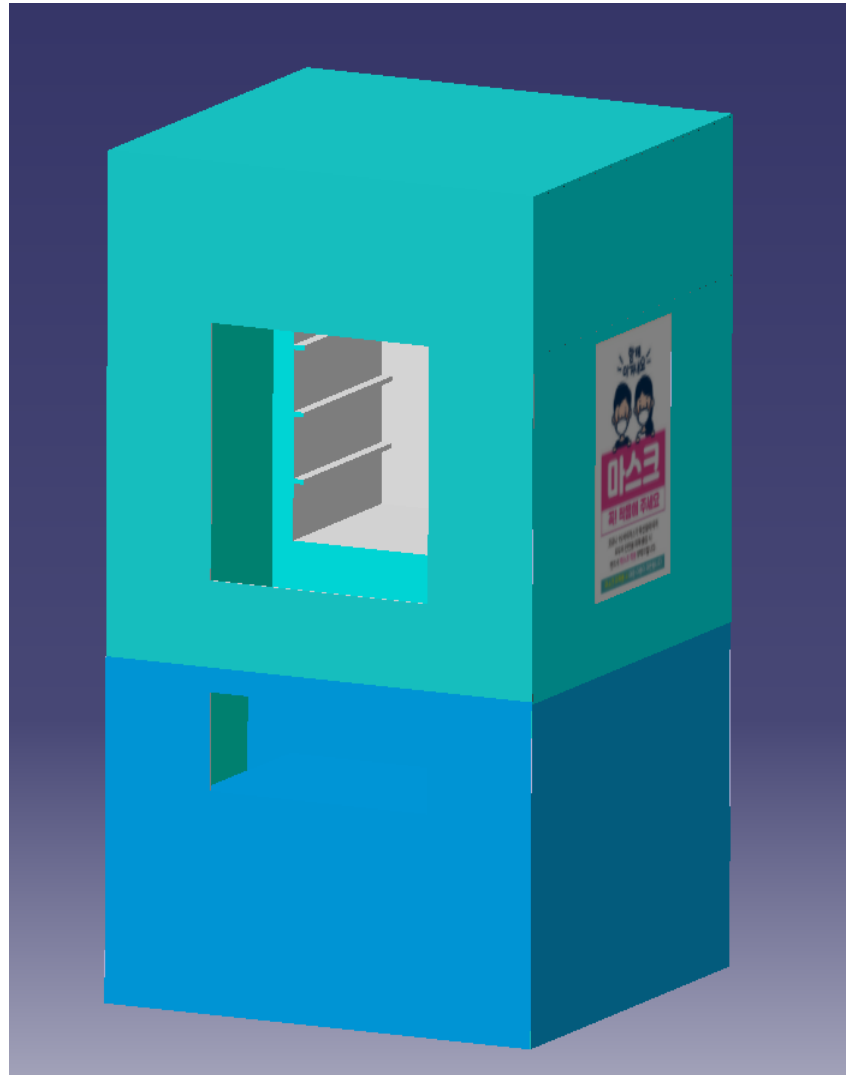


- Component 복사하는 방법 등을 정의함.

Assembly – chain



Additional Design

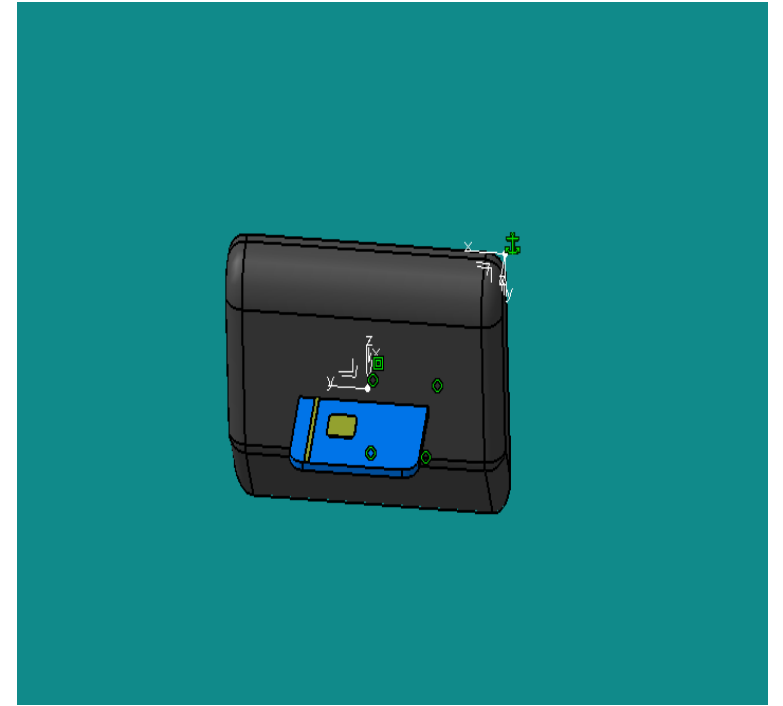


Kinematics

카드 투입

카드 단말기
Card

(Prismatic)

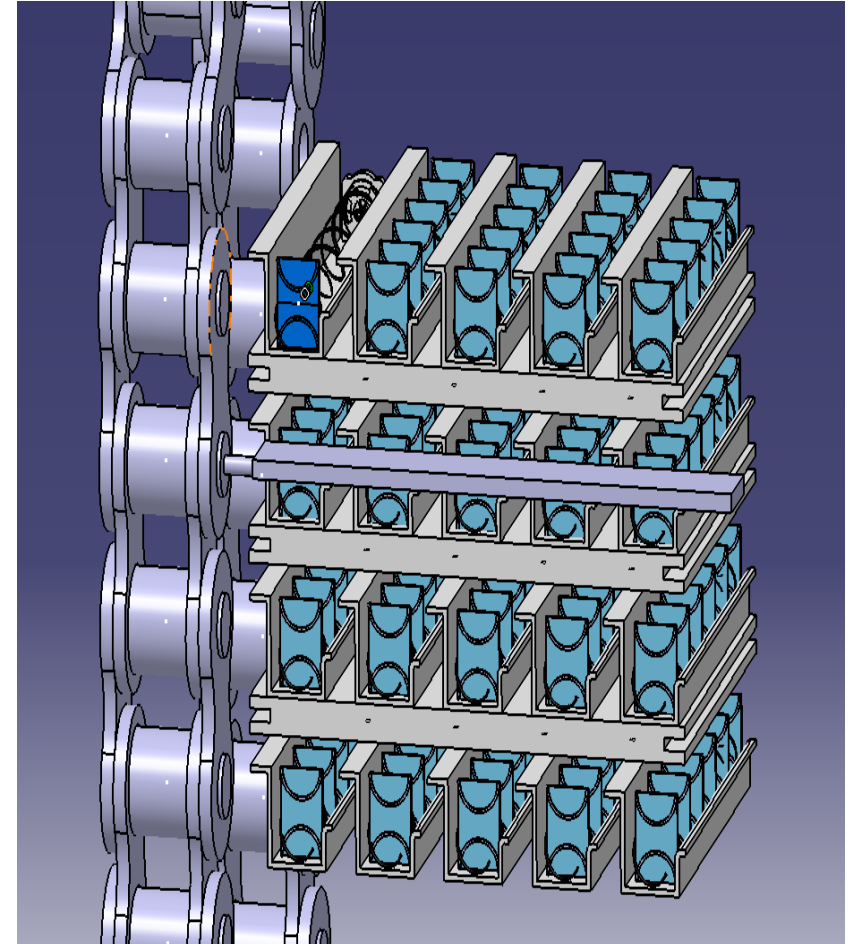
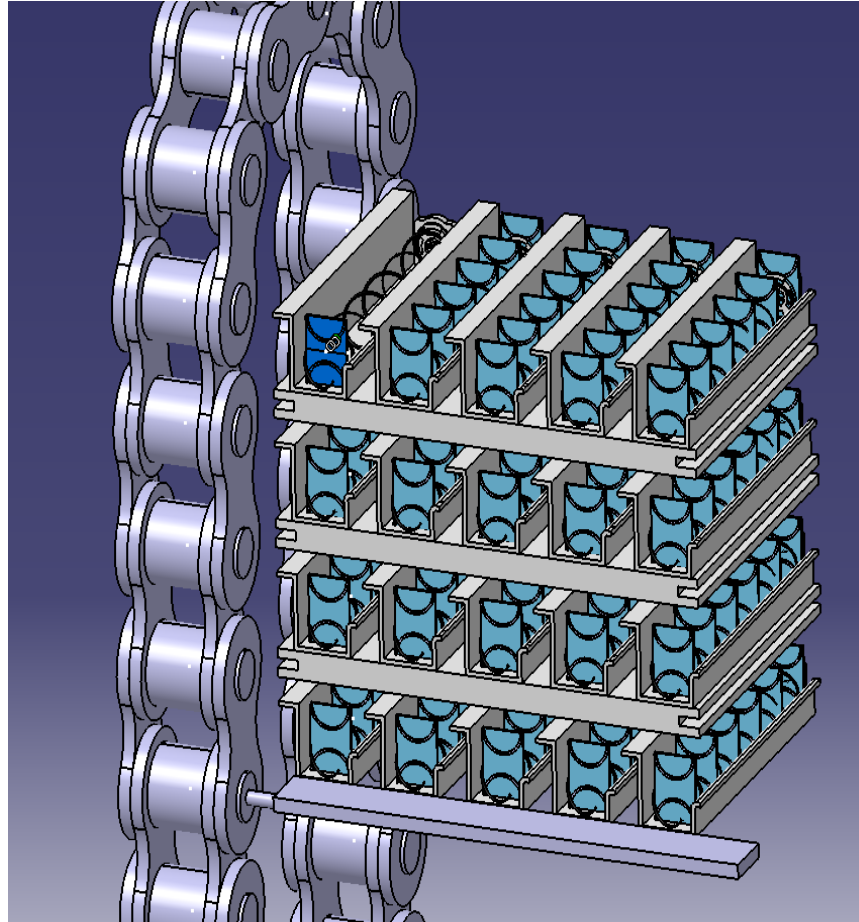


Kinematics

선반 이동

Chain

(Point curve
Slide curve)

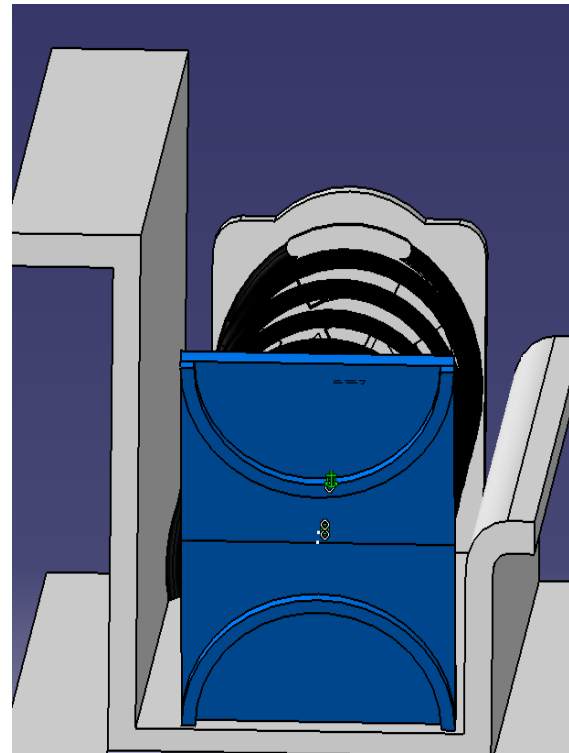
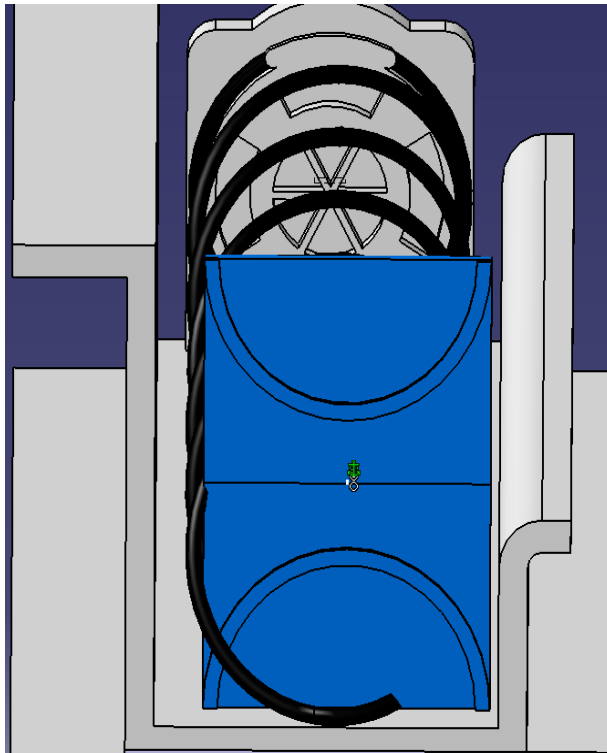


Kinematics

마스크 이동

Helix
(Revolute)

Mask
(Slide curve)

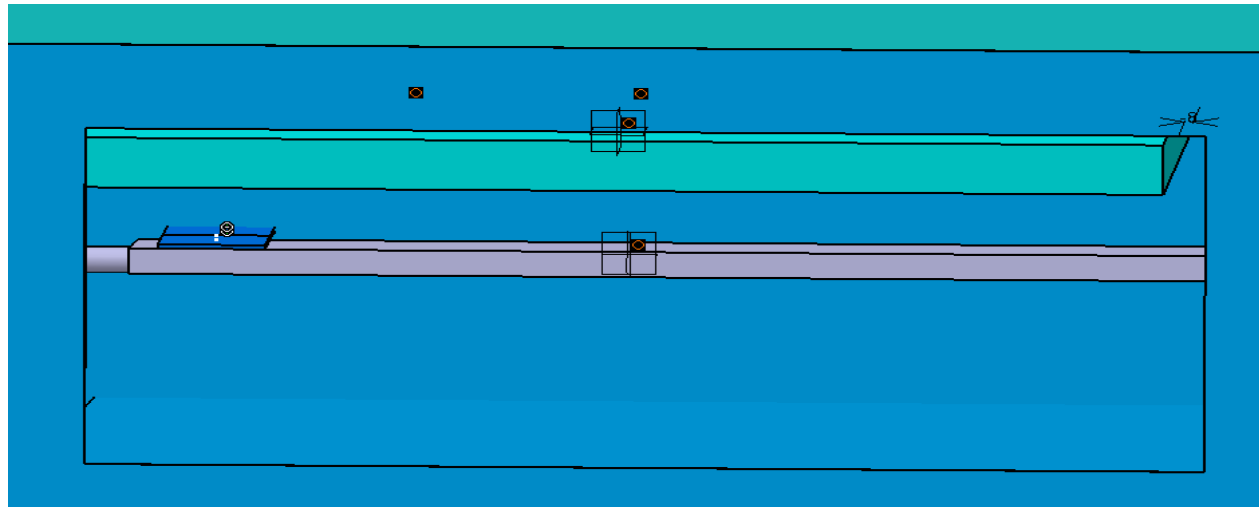
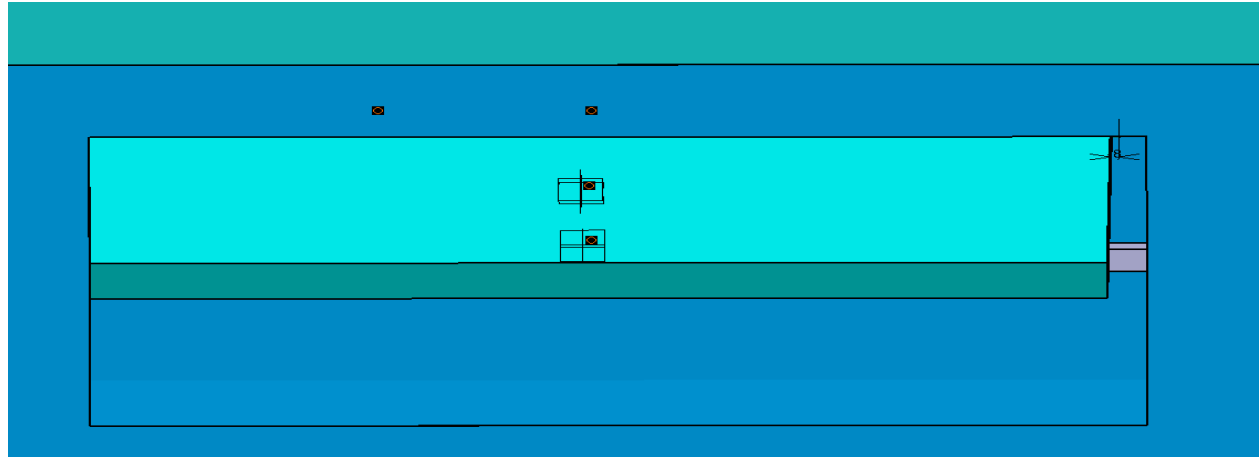


Kinematics

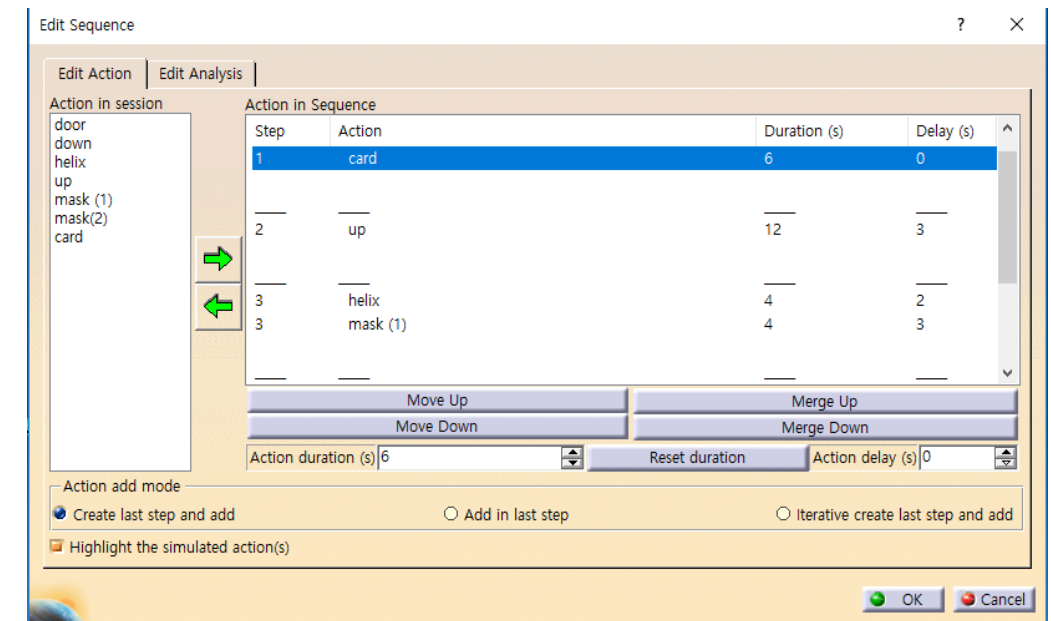
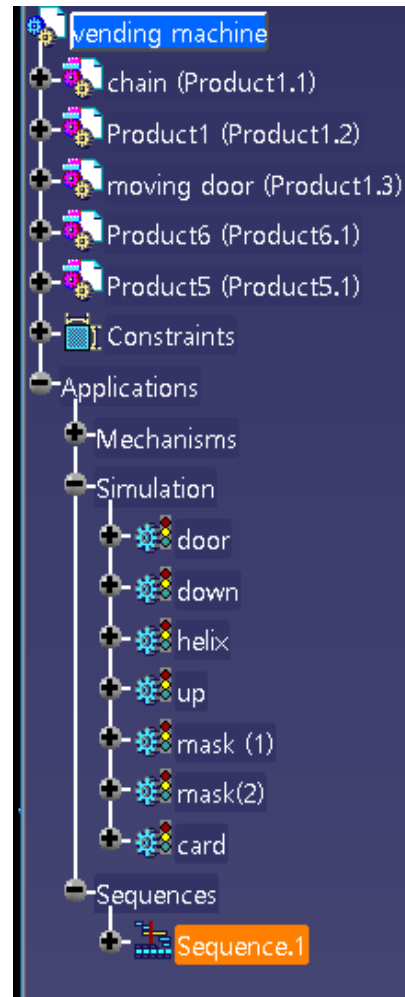
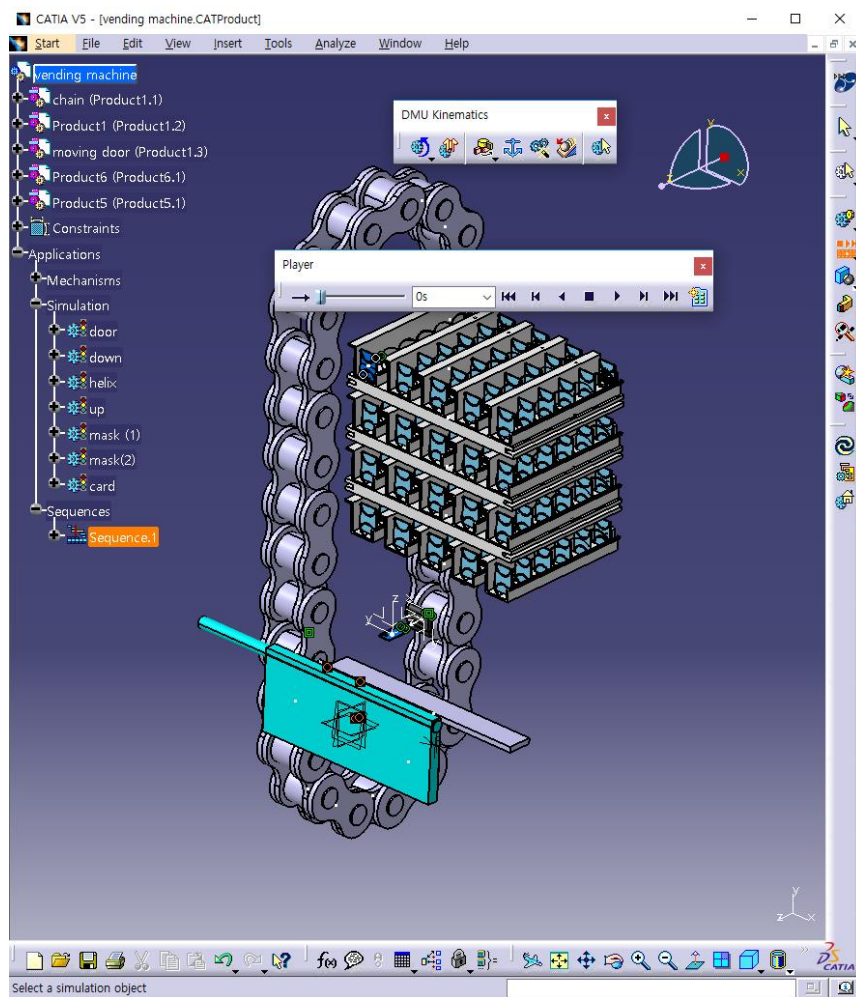
마스크 수령

Door

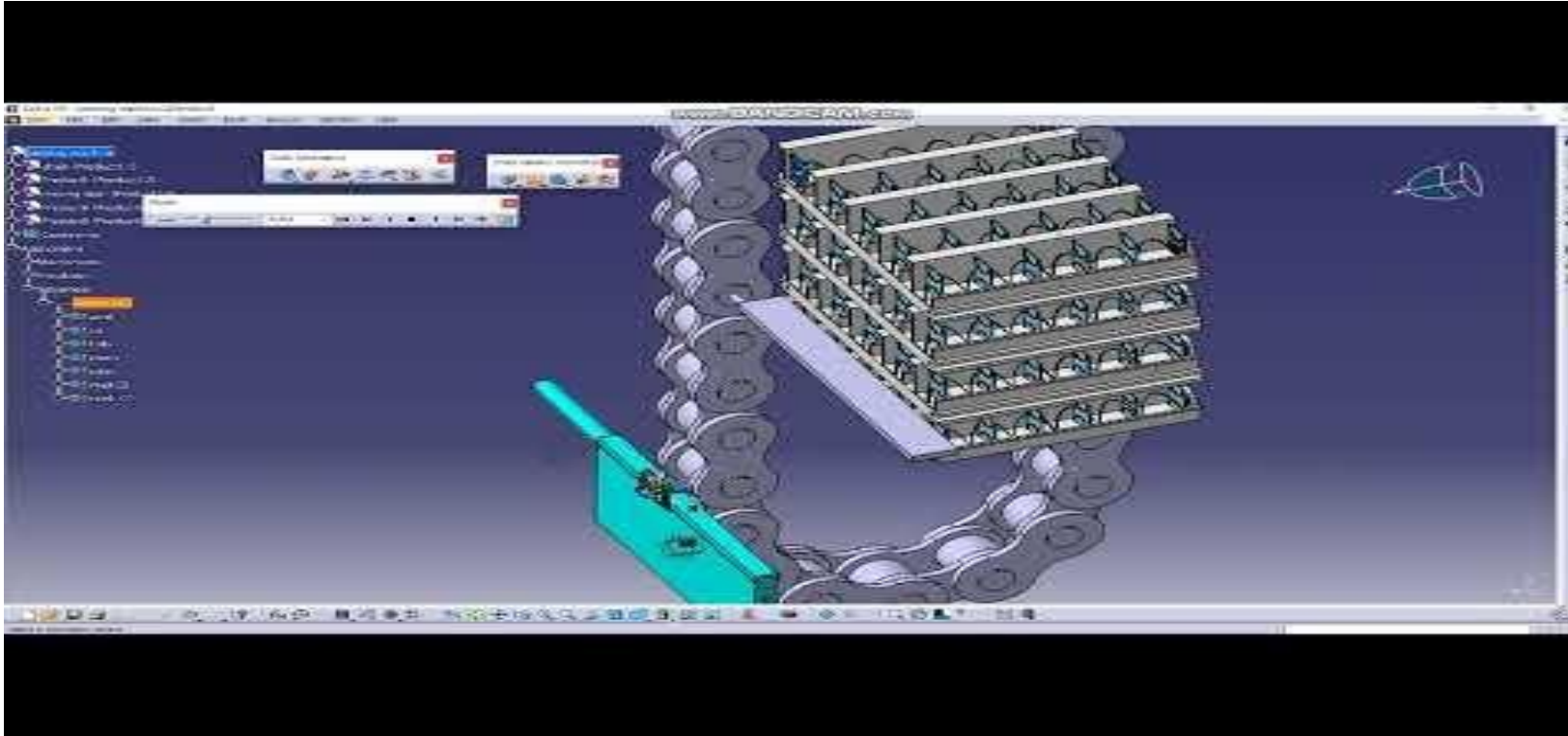
Revolute



Simulation



Simulation



출처 : [마스크 착용으로 건강을 지키세요], 유튜브 비디오, 0:25, KBS SONG
<https://www.youtube.com/watch?v=KVdQtjN0wd0>

Q&A