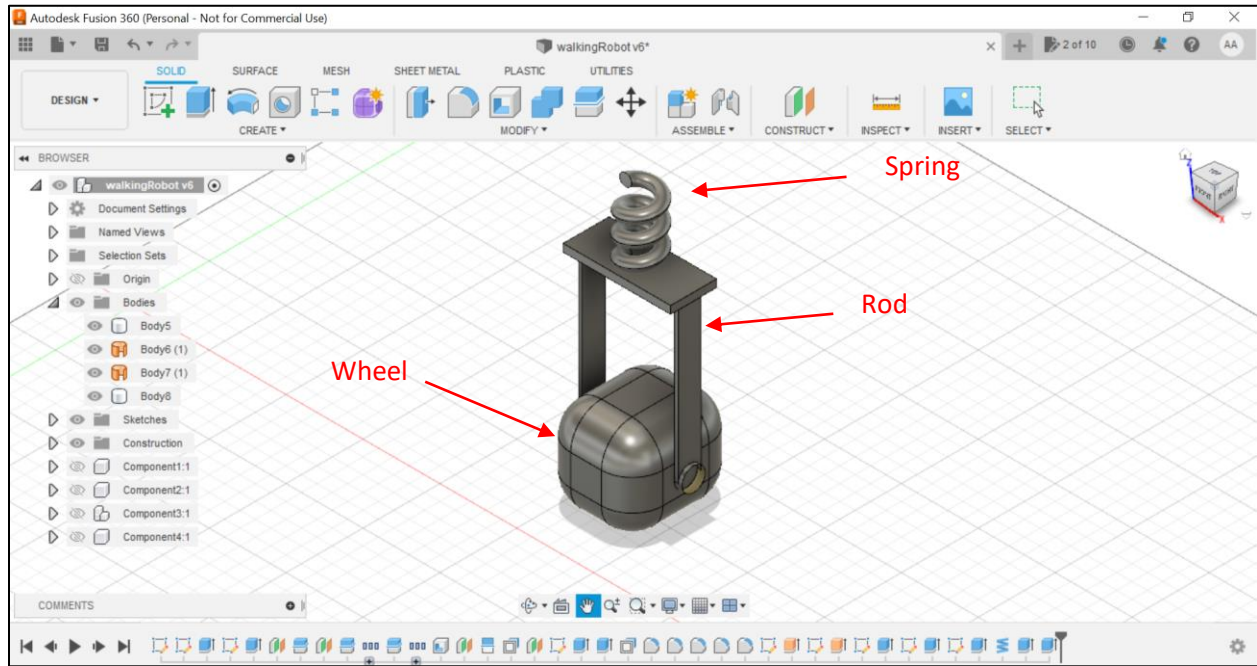
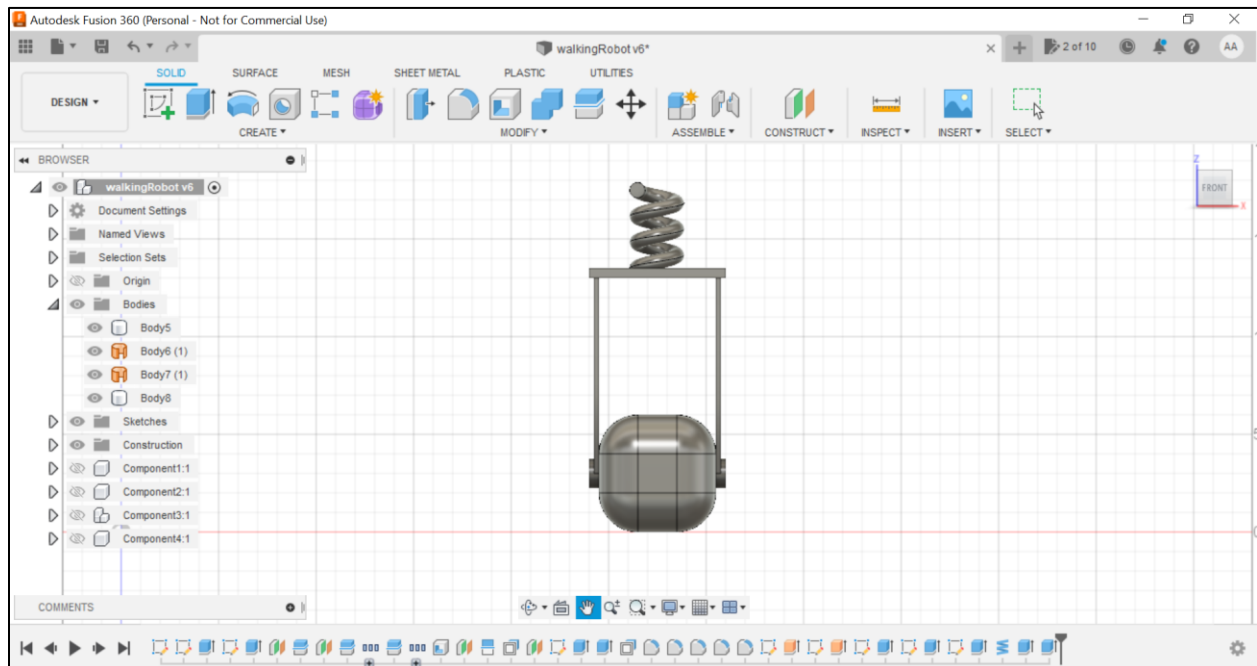


Week 3 (Mechanical Engineer)

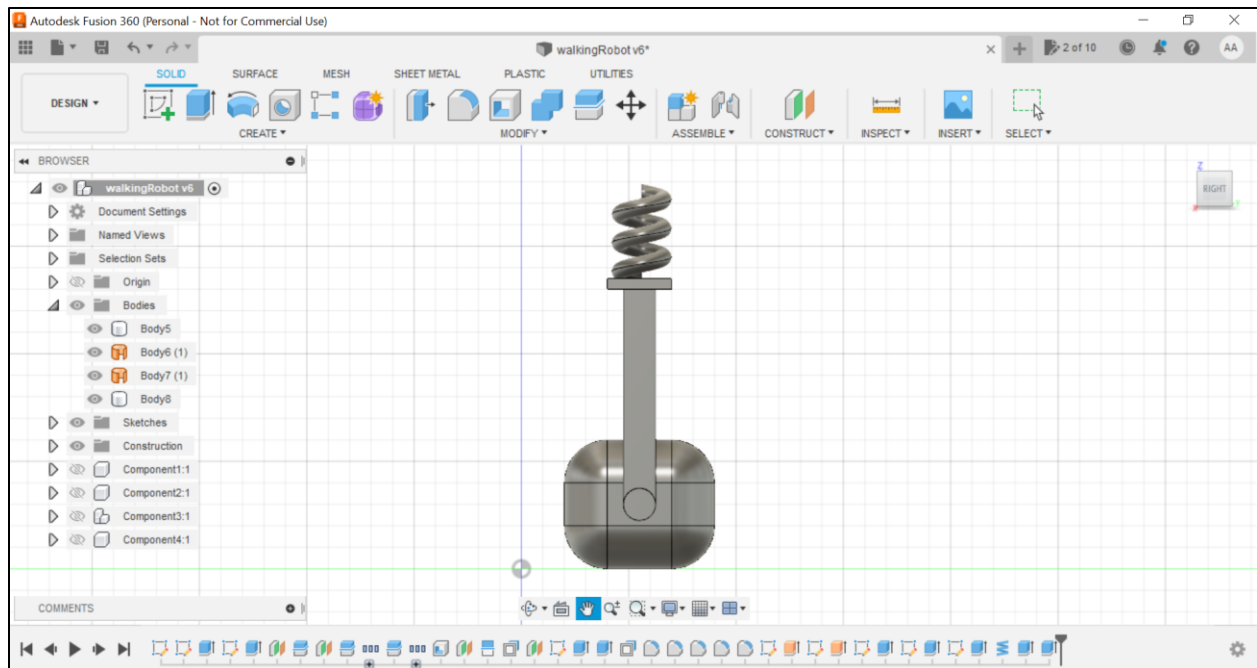
I use the earlier Fusion model and added wheels and a suspension system to the feet. An image of the wheels with suspension is shown below:



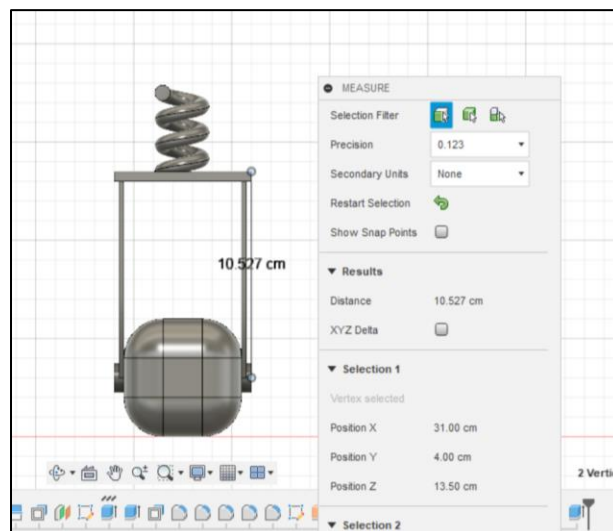
(Isometric view)



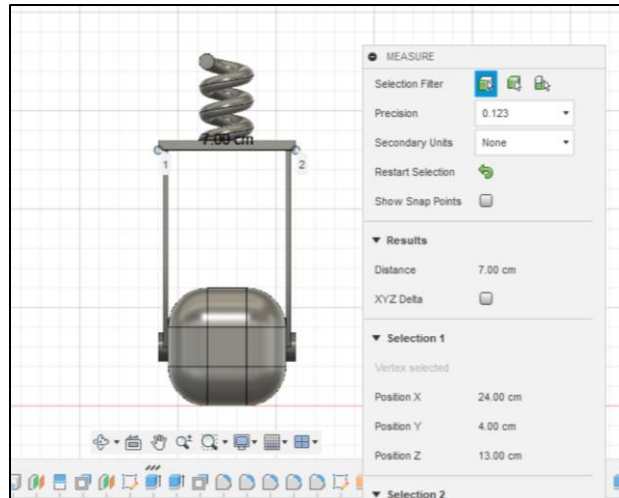
(Front view)



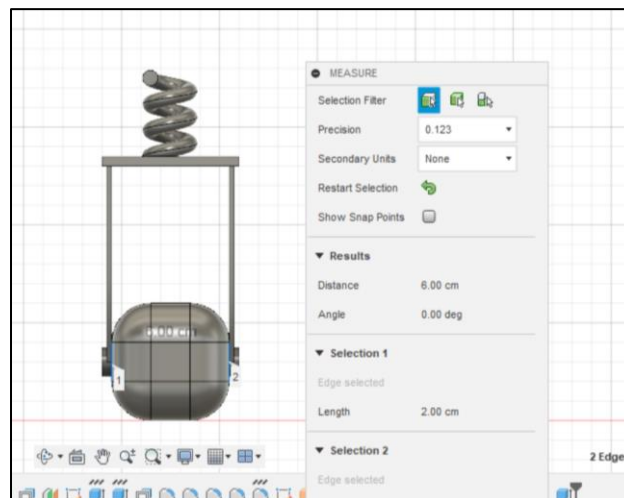
(Side view)



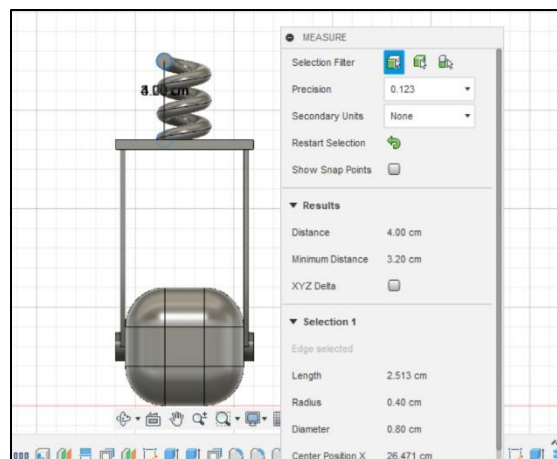
(Rod length measurement with plate)



(Plate length measurement)



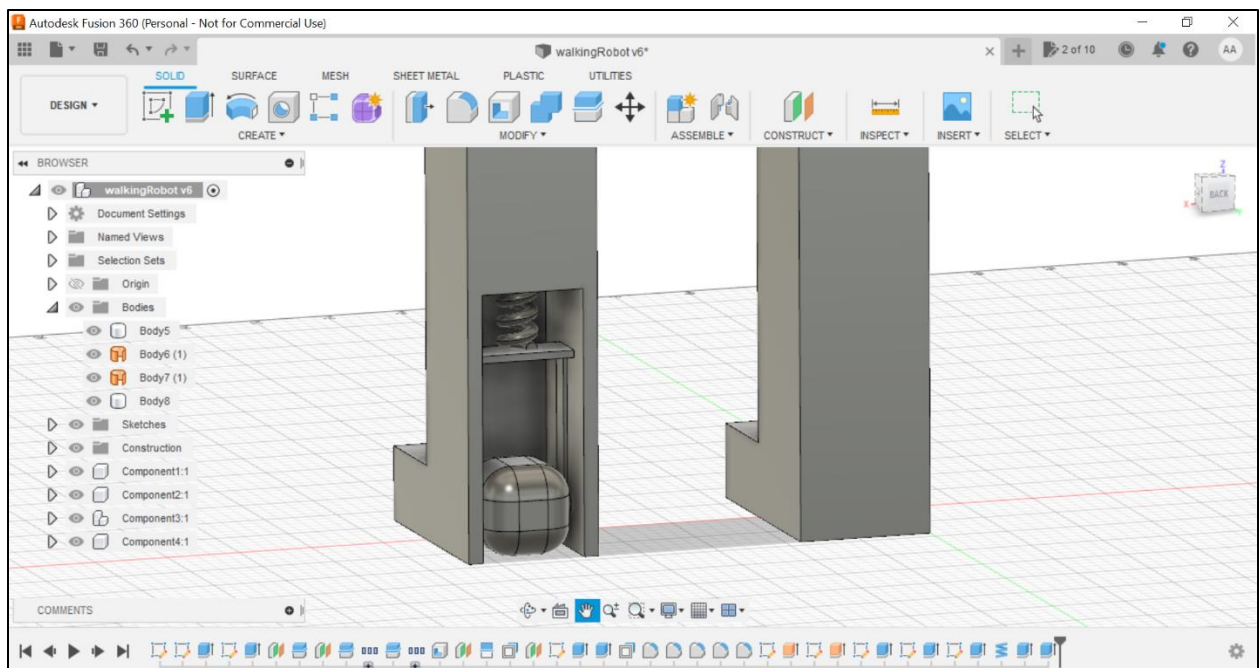
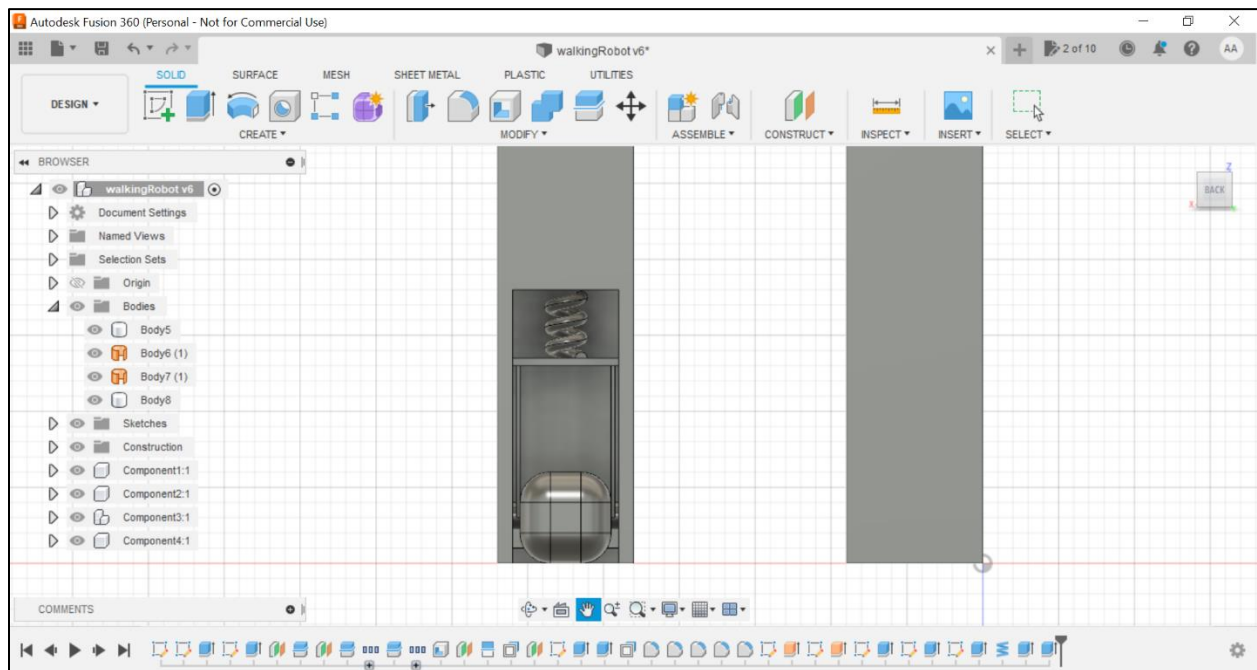
(Wheel diameter)

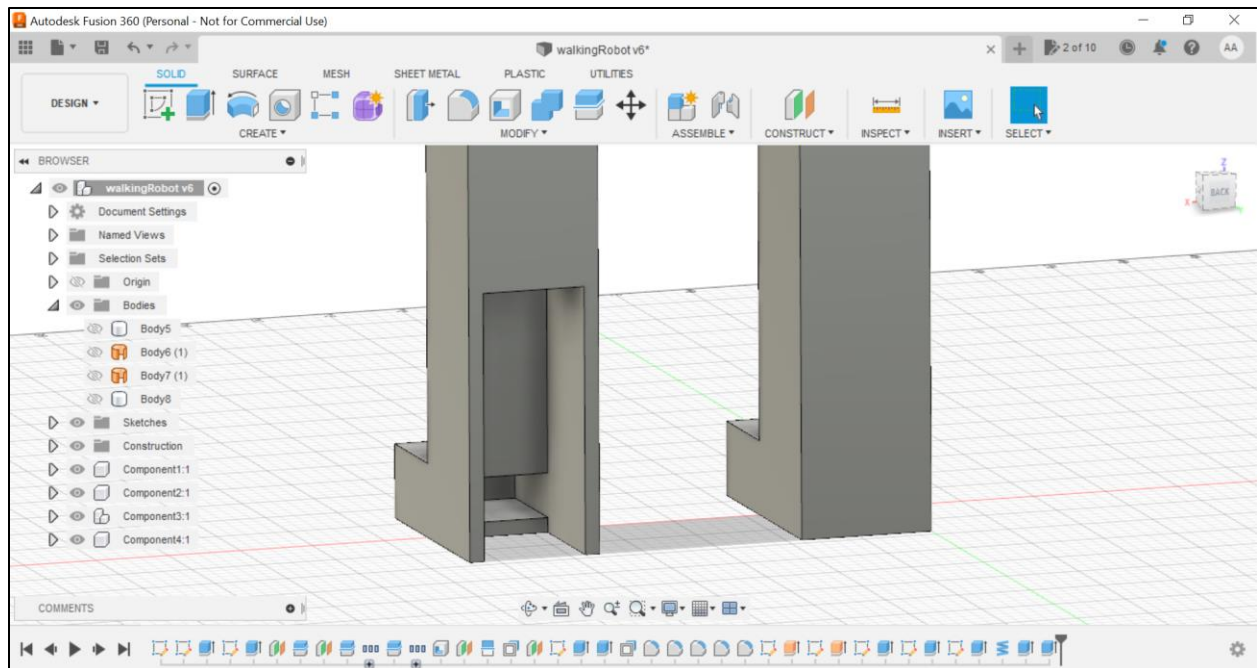


(Spring measurement)

This design is a simple suspension system design, the rod will absorb the vibration of the road and the spring will dampen it, preventing the vibration from transferring to the rest of the robot's body.

Here are pictures of the robot leg's wheels and suspension system:





(Robot leg without wheel and suspension system)