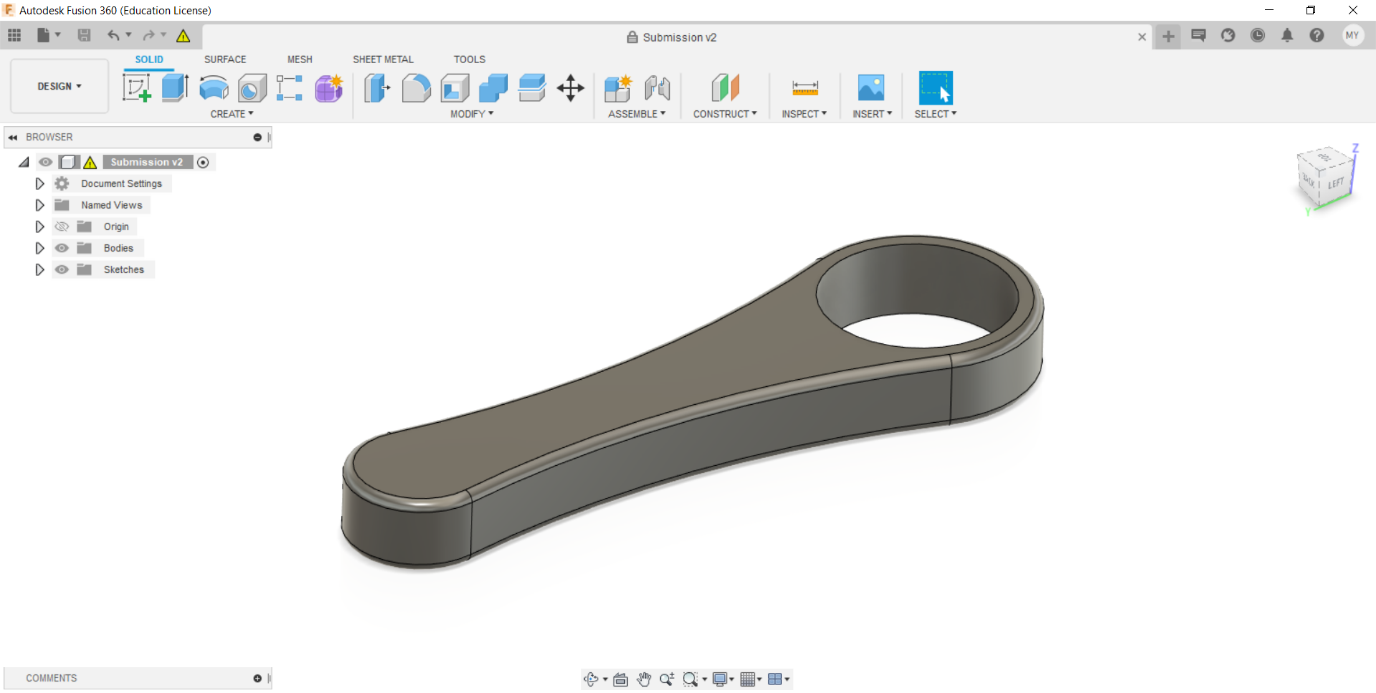
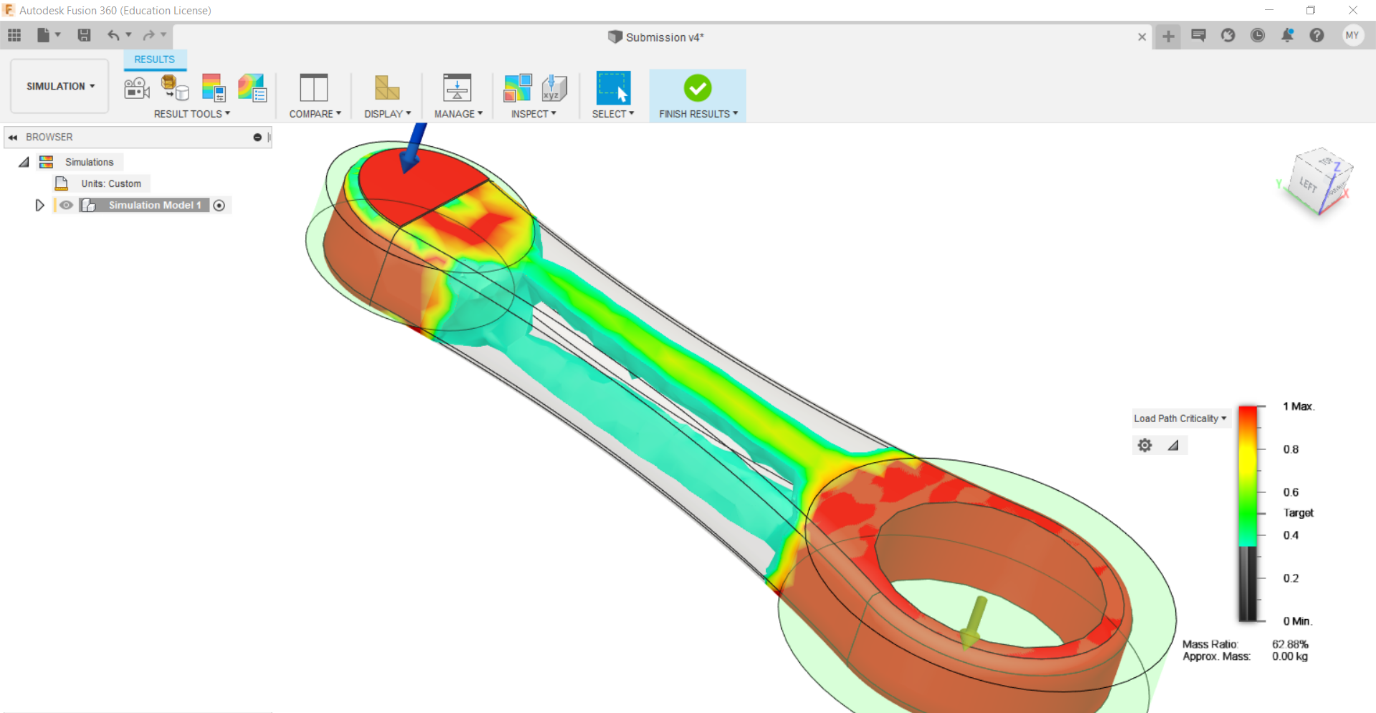
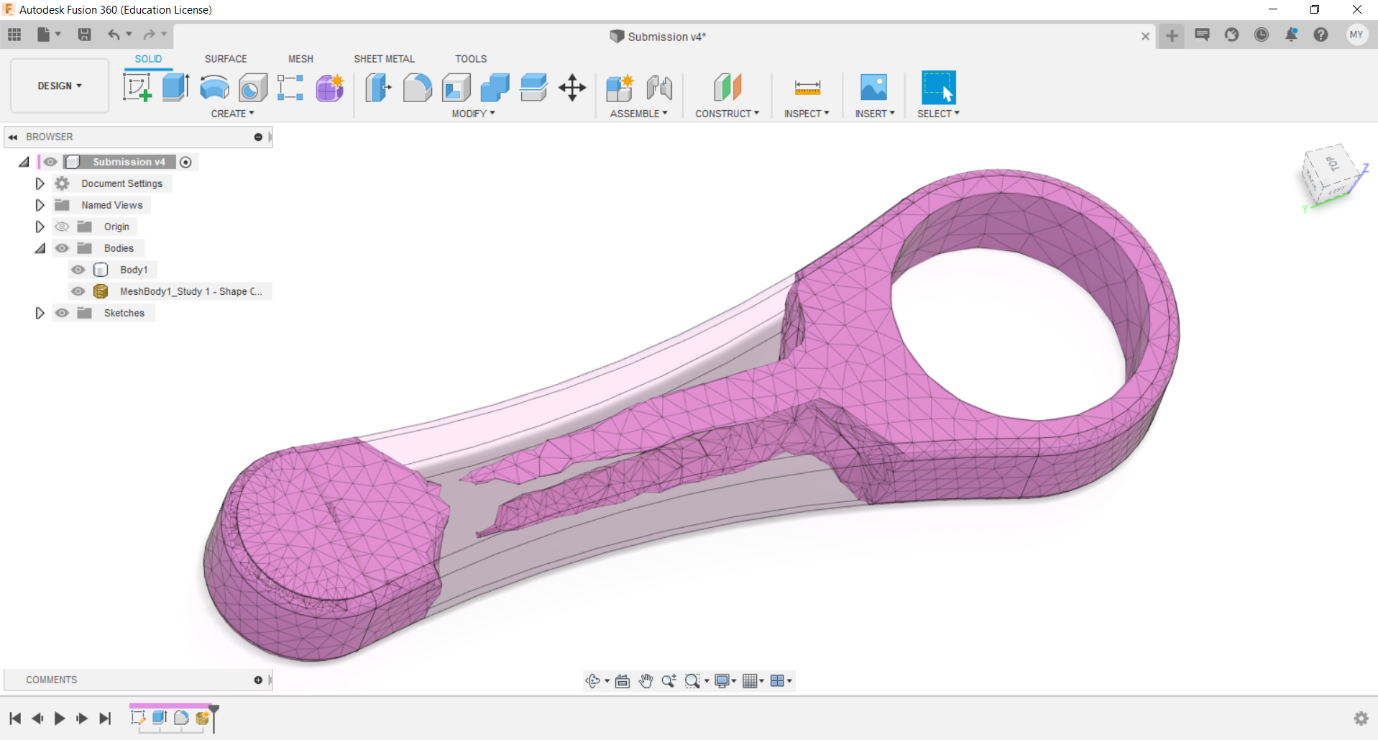
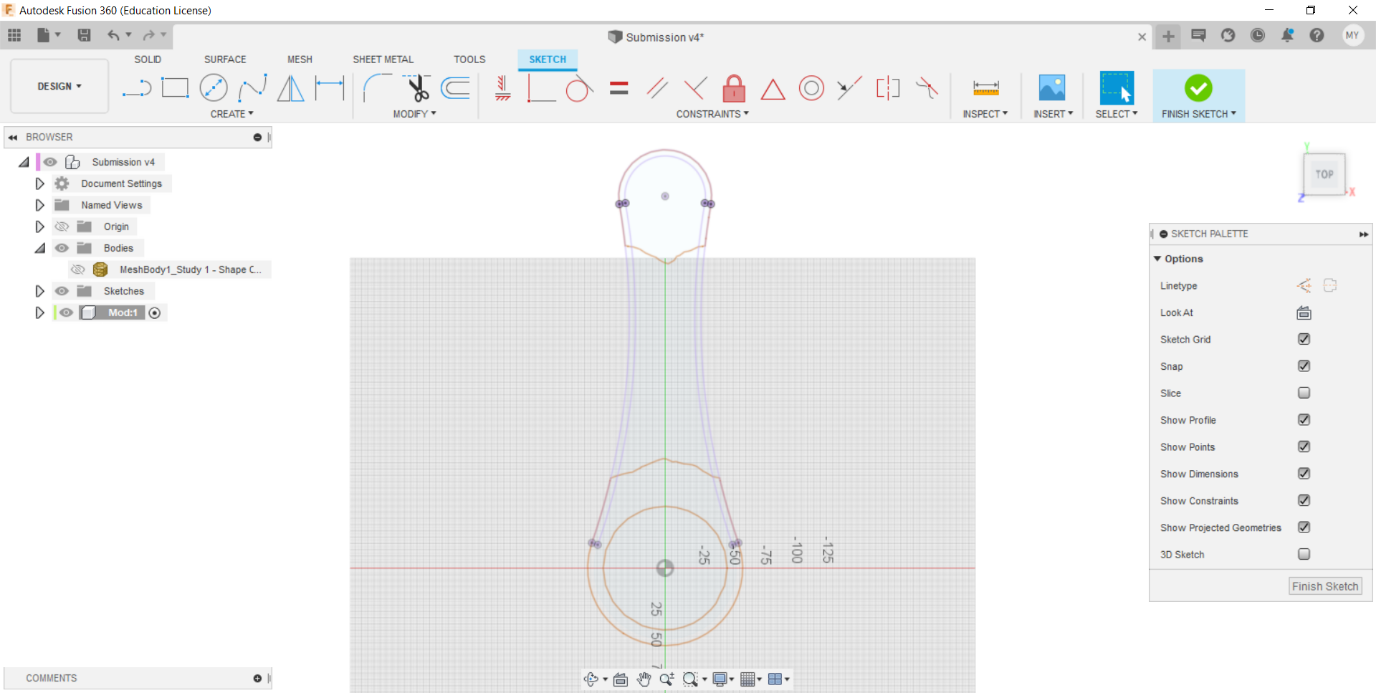
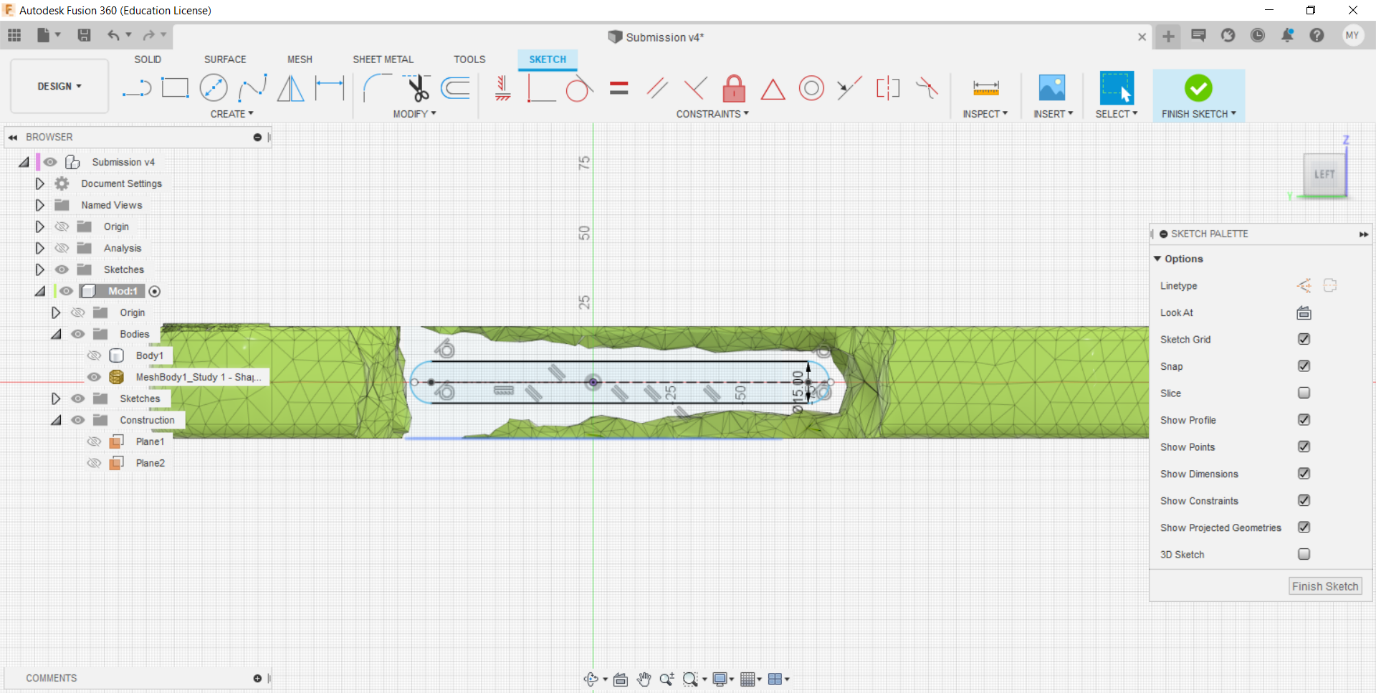
**Cantilever Support:**

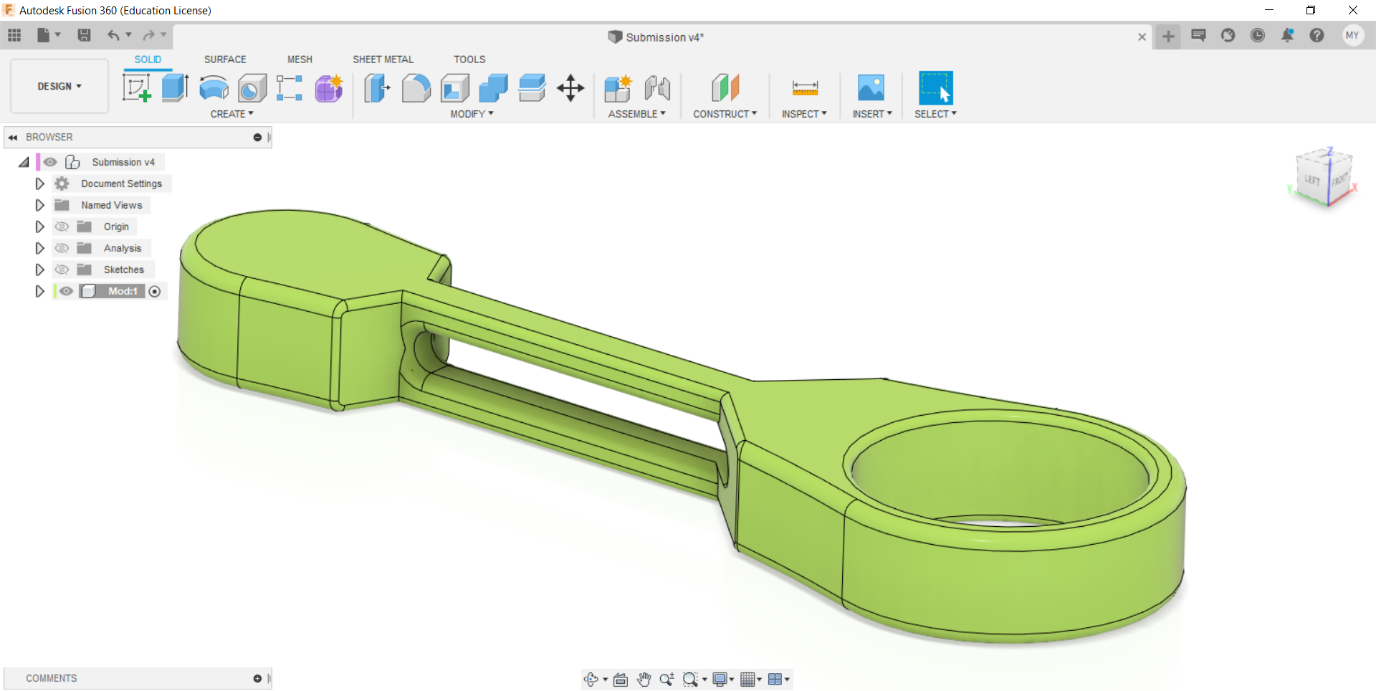
**Initial (Unrefined) Design:**

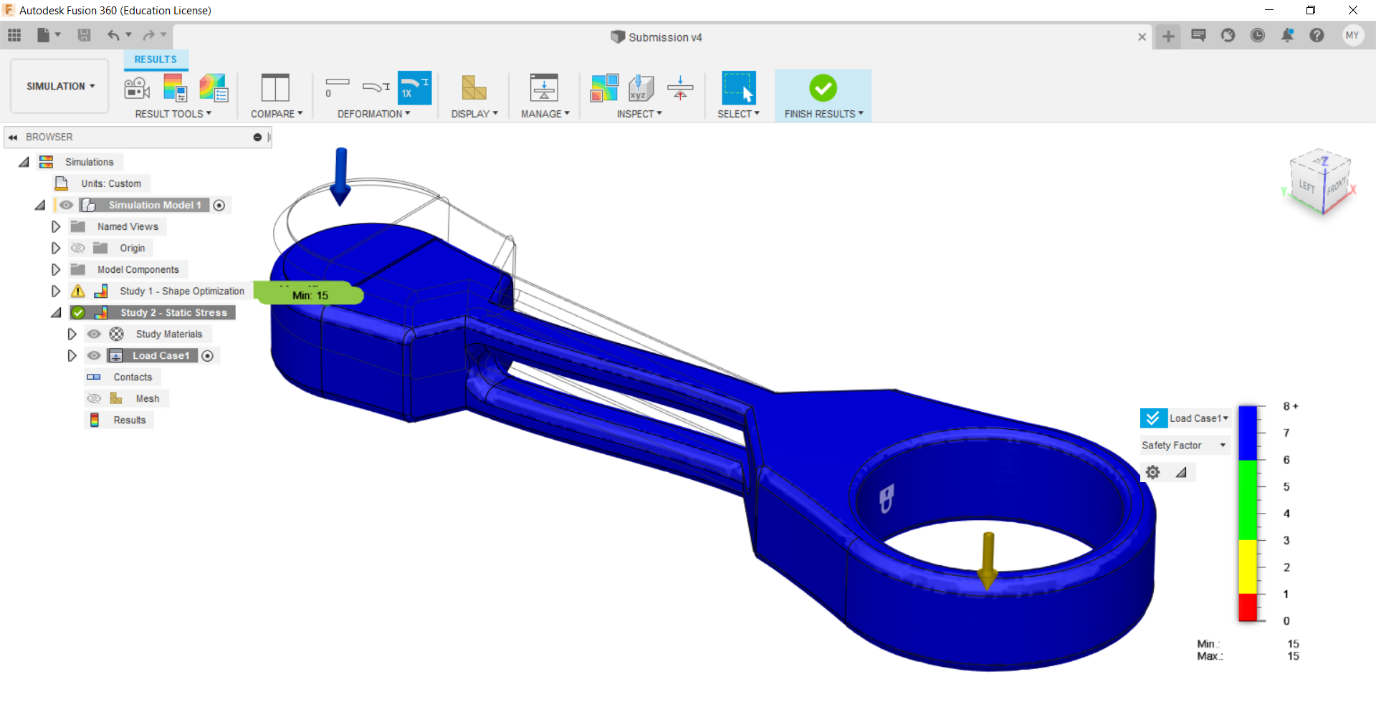
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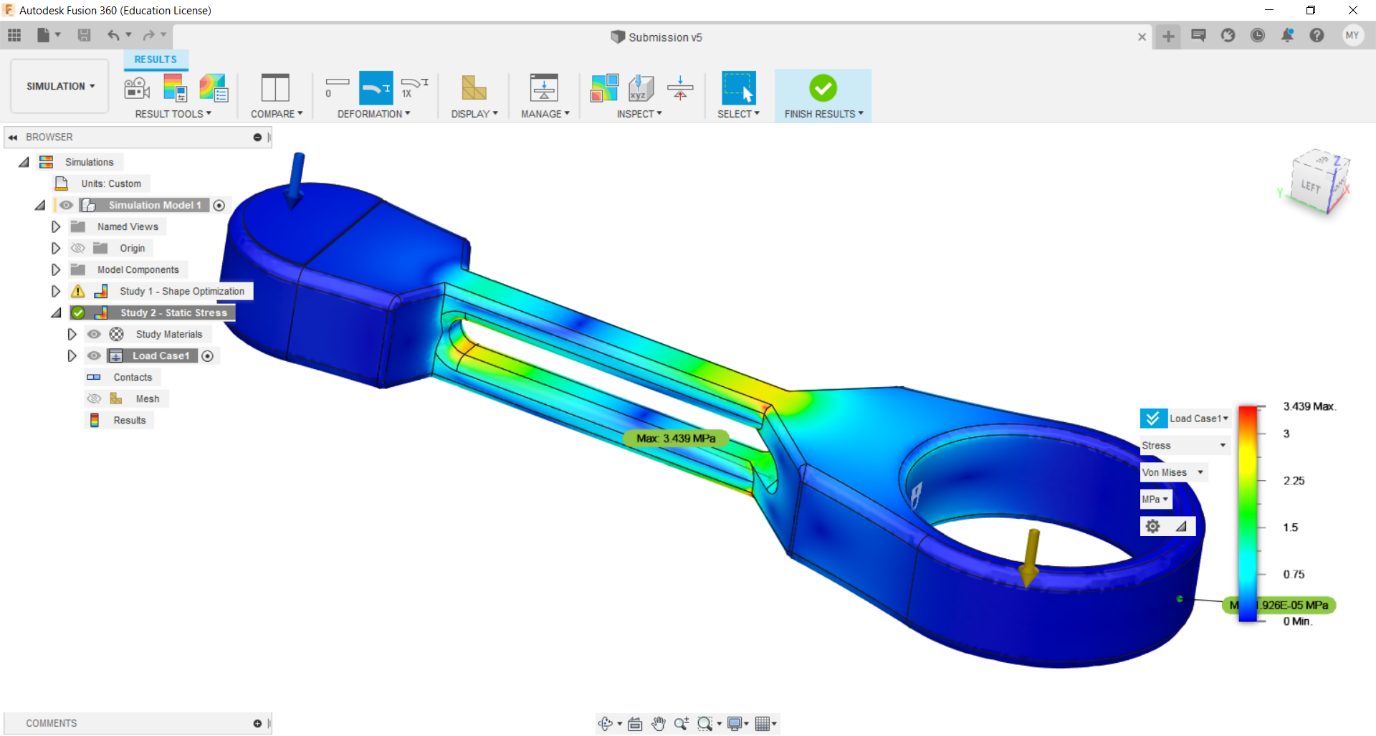
**Topology Optimization Study:  
  
  
  
Load: 10N, Gravity turned ON. Fixed support on the larger cylindrical face. Material: ABS plastic, Mass Target: 60% or lower.**

**Design Modification/Mesh Promotion:  
  
  
  
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**Static Stress Study Results:  
  
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