Individual project

Mouse with spring mechanism

My project is Mouse with spring mechanism that measures pressure. As user press the mouse, the mouse measures pressure of the user’s finger force that is applied on the mouse. Then the mouse will transfer the force that is detected to the computer. Ultimately this mouse is made for the future industry of the mouse. This mouse would allow people to have variety features of the mouse. Depends on how hard the user press it will have different kinds of effects while using the computer.
Most importantly the bar inside of the mouse would measure the pressure. The spring will be stretched and shrink to push and pull the bended part of bar at the end of the bar. When the bended part of bar is stretched by the force applied by the user will contact the circuit board which will sense the force and transfer it to the computer.