Required Instrument:

a)Hardware

Picture	Product	Quantity
	Arduino Nano R3	1
	Ultrasonic Sensor HC-SR04(Generic)	1
	Buzzer	1
	9V battery (generic)	1
	9V Battery Clip	1
	Pushbutton Switch	1
	Vibrating Motor	1
	Jumper Wire	Require
	Stick	1
	Glue	1
	Scotch tape	1

b)Software :

1)Arduino
2)Tinker cad
3)GitHub
4)WPS

Future Scope:
Our smart blind stick has some deficiency in present as it's now in a trial period. We will work on it in future. Now our blind stick has just 30 cm distance measurement system but in future we will buildup this system . As a result user will warn for repudiates obstacle from long distance. We will add robotic voice system which will inform the user what type of obstacle, it's height or deep and how much distance it is in , in front of him/her . We will also add here voice GPS tracking system which will help user to find out the user's present location and it will also give direction to the user to reach his/her destination safe and sound.