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| SL.NO | Part Name | Material with which the part is made up of | Specification of the part | Quantity required | Fabrication process if needed |
| 1. | Base | Foam sheet | (30×15)cm,1cm thickness | 1 | Cutting and bending |
| 2. | Reel | Plastic | 5 cm length , 6cm diameter | 1 | - |
| 3. | Spool | Plastic | 15cm length, 8cm diameter | 1 | - |
| 4. | Blades | Steel | 1 cm wide , 0.7 mm thickness, 2.3 cm length | 1 | Cutting |
| 5. | Rubber bands | - | Small | 1 | - |
| 6. | DC generated motor | - | 12 V , 60 rpm | 1 | - |
| 7. | Gears | - | 1cm diameter | 2 | - |
| 8. | Thread guide | Acrylic sheet | 17cm | 2 | Laser cutting |
| 9. | Servo motor | - | 180degree | 2 | - |
| 10. | Micro controller | Arduino Mega | AT 2560 | 1 | - |
| 11. | Sensor | Photo electric speed sensor | Outer diameter 22 m , bore diameter 3.5mm 0.35mm thickness | 1 | - |
| 12. | Display | OLED display | 0.96 inches | 1 | - |
| 13. | Nuts | - | 0.4cm | 10 | - |
| 14. | Bolts | - | 0.41cm | 10 | - |
| 15. | Holders | Acrylic sheet | 12 cm | 2 | Laser cutting |
| 16. | LED lights | - | - | 1 | - |