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| **BILL OF MATERIALS** | | | | | |
| SI NO | PART NAME | MATERIAL WITH WHICH THE IS MADE UP OF | SPECIFICATION OF MATERIAL | QUAN  -TITY | FABRICATON PROCESS IF NEEDED |
| 01 | Gaming Console (Body) | Foam Sheet | 1.6 ft \* 1.1ft \* 5mm | 1 | Cutting, Milling, Grinding |
| Screws | 6mm diameter, 40 mm length | 10 |
| Aluminium channels | 8.5 cm height | 4 |
| Nuts | 6mm | 30 |
| 02 | Micro-Controller | - | Arduino Mega 2560 | 1 | - |
| 03 | Johnson DC motor | - | 12V rpm | 1 | - |
| 04 | Dino | Acrylic Sheet | 10 cm \* 10 cm \* 2mm | 1 | Laser cutting |
| Screws | 6 mm diameter,10mm | 20 |
| Nuts | 6 mm | 10 |
| 05 | Servo Motor | Metal | Metal Gear MG995 | 1 | - |
| 06 | IR Sensor | - |  | 1 | - |
| 07 | Conveyor Belt | Rubber / Cloth | 14 cm \* 75 cm | 1 | Cutting and Stitching |
| 08 | Limit Switch (Sensor) | - | - | 2 | - |
| 09 | Adapter | - | 12V /5V | 1 | - |
| 10 | Resistor | - | 1 K ohm | 2 | - |
| 222 ohms | 2 |
| 11 | LED assorted Colors | - | Red | 1 | - |
| Green | 1 |
| 12 | L Clamp | Metal sheet |  | 30 | - |
| 13 | RGB led bulb | \_ | Red green blue color | 4 | \_ |
| 14 | Buzzers | \_ |  | 2 | - |
| 15 | Button |  | Push Button | 2 | \_ |
| On/Off Switch | 1 |
| 16 | Bread board | - | - | 1 | - |
| 17 | Wire Stripper | - | - | 1 | - |
| 18 | Washers | - | - | 15 | - |
| 19 | Single Standard wire | - | Red | 1m each | - |
| Black |
| Yellow |
| 20 | LN298 | - |  | 1 | - |
| 21 | USB Cable | - | 1 foot | 1 | - |
| 22 | Bread Board | - |  | 1 | - |
| 23 | Jumper Wires | - | Male to Male | 10 | - |
| Male to Female | 10 |
| Female to Female | 10 |
| 24 | LED Strip | - | 1 meter | 1 | - |
| 25 | LCD Screen with Module | - | - | 1 | - |
| 26 | Obstacle | Thermocol | 6 cm height | 5 | Grinding and Cutting |
| 27 | Acrylic Sleeves | Acrylic sheet | - | 20 | - |
| 28 | Moving Platform | Aluminium channels | 45 cm long | 2 | Laser Printing,  Cutting Grinding |
| Rubber/Cloth | Conveyor Belt | 1 |
| Nylon Rod | Shaft | 2 |