|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **SL.No** | **PART NAME** | **MATERIALS WITH WHICH PART IS MADE UP OF** | **SPECIFICATIONS** | **QUANTITY**  **REQUIRED** | **FABRICATION** |
| 1 | Pot holder(Plate) | Acrylic sheet | Tough and high  Strength (20X20X3)cm | 1 | Cutting, bending and  shaping |
| 2 | Micro controller | Arduino mega 2560 | AT2560 | 2 | -- |
| 3 |  |  |  |  |  |
| 4 | Opening and closing Shaft | Acrylic sheet | Tough and strong  (2X10X20)cm | 3 | Cutting and bending |
| 5 | DC motor | -- | 12V,15rpm | 1 | -- |
| 6 | IR sensor | -- | -- | 3 | -- |
| 7 | Relay module (2 channel) | -- | -- | 1 | -- |
| 8 | Bread board | -- | -- | 1 | -- |
| 9 | Servo motor |  |  | 3 | -- |
| 10 | Wooden base | Wood | 45X30X4 | 1 | Cutting |
| 11 | Containers | Plastic | 30X30X30 | 3 | Cutting and bending |
| 12 | Rubber belt | Rubber or material of high elasticity |  | 1 | -- |
| 13 | Long walls of main hub | Acrylic sheet | 20X20X3 | 2 | Laser cutting |
| 14 | Short walls of main hub | Acrylic sheet | 20X20X3 | 2 | Laser cutting |
| 15 | Base of main hub | Acrylic sheet | 20X20X3 | 1 | Laser cutting |
| 16 | Hinges |  |  | 12 | -- |