**Server components**

|  |  |  |
| --- | --- | --- |
| component | Estimated cost (INR) | quantity |
| ESP32 (or ESP32-CAM) | 750 | 1 |
| ESP32-CAM Module | 400 | 1 |
| SG90 Servos | 1,200 | 12 |
| VL53LOX TOF Sensor | 500 | 1 |
| Servo Horns & Screws | PROVIDED | 12 |
| 3D Printed Chassis & Legs |  | 1 set |
| WebSockets-Based UI (HTML, CSS, JS) | PROVIDED | N/A |
| Jumper Wires & Connectors | 150 | 3 set |
| Heat Shrink Tubes & Soldering Kit | 100 | 1 set |
| Voltage Regulator (DC to DC converter) | 100 | 1 |
| IMU Sensor (MPU9250) | 600 | 1 |
| RGB LED Module (WS2812B) | provided | 1 |
| Filaments |  |  |
| Total Estimated Cost |  |  |