**Server components**

|  |  |  |
| --- | --- | --- |
| component | Estimated cost (INR) | quantity |
| ESP32 (or ESP32-CAM) |  | 1 |
| ESP32-CAM Module |  | 1 |
| SG90 Servos |  | 12 |
| VL53LOX TOF Sensor |  | 1 |
| Servo Horns & Screws |  | 12 |
| 3D Printed Chassis & Legs |  | 1 set |
| WebSockets-Based UI (HTML, CSS, JS) |  | N/A |
| Jumper Wires & Connectors |  | 1 set |
| Heat Shrink Tubes & Soldering Kit |  | 1 set |
| Voltage Regulator (if needed) |  | 1 |
| IMU Sensor (MPU6050/MPU9250) |  | 1 |
| RGB LED Module (WS2812B) |  | 1 |
| Total Estimated Cost |  |  |