List​ ​of​ ​components​ ​suggested​ ​for​ ​building​ ​‘Automated​ ​Robo​ ​Soccer’​ ​project

|  |  |
| --- | --- |
| Raspberry​ ​Pi​ ​3,​ ​model​ ​B+USB​ ​cable | 1 |
| Raspberry​ ​Pi​ ​3,​ ​Casing​ ​(if​ ​you​ ​feel​ ​necessary) | 1 |
| Micro​ ​sd​ ​card​ ​class​ ​10,​ ​16GB | 1 |
| DC​ ​motors​ ​200​ ​rpm | 2+1 |
| Wheels | 2+1 |
| Caster​ ​wheels | 1+1 |
| Robo​ ​chassis | 1 |
| H-bridge​ ​L298​ ​N | 1 |
| L7806​ ​voltage​ ​regulator​ ​IC | 2 |
| 12v​ ​5A​ ​Adapter​ ​&​ ​jack | 1 |
| Breadboard | 1 |
| USB​ ​Webcam | 1 |
| Servo​ ​motor​ ​9​ ​kg-cm​ ​(High​ ​torque)​ | 1 |
| ​Servo motor 9gm​ ​(low  power) | 1 |
| Jumper​ ​Wires |  |
| Double​ ​Sided​ ​Tape |  |
| Adhesive (Industrial Grade FeviQuick) |  |
| T-cobbler |  |