**Components List**

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| **Smart HEMS:** | **Price:** |
| * 1 STM32 Bluepill | 400 |
| * Serial to USB Converter | 250 |
| * 2 PIR Sensors | 300 |
| * 1 DHT11 | **170** |
| * 2 Relays (5 V) | 100 |
| * 1 DC motor * 1 Fan Wings | **50**  **40** |
| * 1 motor (burned) | **250** |
| * 1 Bulb * 1 Bulb Holder | **50**  **50** |
| * 1 LCD (16x4) | **550** |
| * 2 ACS-712 | **600** |
| * 2 Transistors (BC 547) | 20 |
| * 1 Vero board | **80** |
| * Breadboard * Breadboard | **150**  150 |
| * Connecting Wires | 20 |
| * 2 screw terminal blocks – 2 pins * 2 screw terminal blocks – 3 pins | **40** |
| * 10 female headers – 4 pins * 4 female headers – 20 pins | **90** |
| **TOTAL** | **3360** |