**Libraries to be installed for GISMO-VII**

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| S.No | Sensor | Library | Version |
| 01 | **OLED Display** | **ESP8266 and ESP32 OLED driver for SSD1306 displays**  **By Thingpulse** |  |
| 02 | **BMP280** | **Adafruit BMP280 library**  **By Adafruit** |  |
| 02A | **BMP280** | **Adafruit BusIO**  **By Adafruit** |  |
| 02B | **BMP280** | **Adafruit\_Sensor\_Master zip file** |  |
| 03 | **MPU6050** | **MPU6050**  **By Electronic Cats**  **MPU6050 Arduino Library** |  |
| 04 | **Firebase** | **Firebase ESP32 Client**  **By Mobizt** | **3.9.7** |
| 05 | **APDS9960** | **SparkFun APDS9960 RGB and Gesture Sensor**  **By SparkFun Electronics** |  |
| 06 | **IR Remote** | **IRRemoteESP8266**  **By David Conran et al** |  |
| 07 | **MAX30102** | **SparkFun MAX3010x Pulse and Proximity Sensor Library**  **By SparkFun Electronics** |  |
| 07A | **MAX30100** | **Max30100lib**  **By OXullo Interseams** |  |
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**Note:**

**For the BMP280 sensor, libraries at items 02, 02A and 02B need to be installed**

**For the heart-beat sensors install libraries at items 7 and 7A. There are two versions of the module. Each versions requires a different library**