

## ERROR CODES (DRAFT)

The Application will communicate to the monitoring program over TCP protocol. Server is running on local host and initialized by application. Monitoring program will act as a client to the application. There will be status sharing every 5 sec. status will contain error code. It will be a 2 bytes value, with each bit indicating operation required or error occurred. Details of the each bit is given below.

Bit	Bit Name	Value 1 (High)	Value 0 (LOW)
Bit 0	Internet Connectivity Status	Internet Connectivity is not available	Internet Connectivity is available
Bit 1	USB Status	Need USB bus reset	USB connection is available
Bit 2	Service Status	Application restart required	No application restart required
Bit 3	System Status	System restart required	No system restart required
Bit 4	Wireless Status	Wi-Fi restart required	No Wi-Fi network restart required
Bit 5	Socket error. Address already in use	TCP IP SERVER socket is binded. Need to release the address or restart Networking	TCP IP socket operating normally
Bit 6	Database write error	Database is not accessible	Database is accessible Normally
Bit 7 –Bit 15	NA		