Verification Plan

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| Sr. no | To be verified | Definition of passing | Date performed | Tested by | Measured result | Passed |
| 1 | Developing persistent memory routine | Gesture state and Speed of Motor and IR sensor should be retained even after powered on reset | 11/3/2018 | Deepesh &  Madhumitha | States of Motor and Gesture Sensor retained. | Yes |
| 2 | Interfacing LCD Display | Display Motor States, Direction, Speed, if Device is Provisioned and module address and states | 11/5/2018 | Deepesh &  Madhumitha | Addresses and States were dynamically printed | Yes |
| 3 | Interface software to Gesture Sensor | I2C interface, Interrupt routine |  | Deepesh |  |  |
| 4 | Interface software to IR Sensor | Gpio interface,  Interrupt routine |  | Madhumitha |  |  |
| 5 | Control Gesture Update using App | Gesture can be updated |  | Deepesh |  |  |
| 6 | Feature to adjust sensitivity of gesture Sensor | User given the ability to adjust the sensitivity of Gesture |  | Deepesh |  |  |
| 7 | Control on/off motor using app | Motor on off is controlled |  | Madhumitha |  |  |
| 8 | OOB Authentication | One time password is generated and Displayed on LCD. User need to enter it | 11/10/18 | Deepesh | One time password is generated and displayed on the module LCD, when we enter that number in our app, module provisioning is completed. | Yes |
| 9 | Storing Messages in Friend Queue | Gesture Update should be stored in Friend queue and transferred to LPN |  | Madhumitha |  |  |
| 10 | Integrating All modules | All modules communicate to each other |  | Madhumitha |  |  |