



MOTUS CONTROL

Test Plan for Smart Room Control System

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Main and peripheral controllers

Test Object	Status (Pass/Fail)	Date	Comment
Main controller is able to receive data from the wearable sensor via Bluetooth.			
Main controller is able to receive data from server via WiFi.			
Main controller able to pass the received data to the peripherals controller.			
Peripherals controller is able to switch on/off the device corresponding to the signal received from the main controller.			
Main controller is able to send sensors data to server via WiFi.			
Main controller is able to send a SMS to the user.			



Software System

Test Object	Status (Pass/Fail)	Date	Comment
The server is able to transmit data to mobile application from the main controller.			
The server is able to transmit data from mobile application to the main controller.			
The application shall be able to provide the operating status of each connected home appliance.			

Wearable Sensor Unit

Test Object	Status (Pass/Fail)	Date	Comment
The sensor is able to collect the hand-motion data.			
The sensor is able to send the hand-motion data to the main controller via Bluetooth.			
The sensor shall be able to fasten securely on the user's hand or wrist.			