

Team 7: D-Health Innovation Inc.

Pulse and Oxygen in Blood Sensor	
Max load capacity: 500g <input type="checkbox"/> Yes <input type="checkbox"/> No	Comments:
Functionality: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Patient Position Sensor	
Max load capacity: 500g <input type="checkbox"/> Yes <input type="checkbox"/> No	Comments:
Functionality: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Temperature Sensor	
Max load capacity: 500g <input type="checkbox"/> Yes <input type="checkbox"/> No	Comments:
Functionality: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Air Flow Sensor	
Max load capacity: 500g <input type="checkbox"/> Yes <input type="checkbox"/> No	Comments:
Functionality: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Galvanic Skin Sensor	
Max load capacity: 500g <input type="checkbox"/> Yes <input type="checkbox"/> No	Comments:
Functionality: <input type="checkbox"/> Yes <input type="checkbox"/> No	

User Interface test cases	
user login with valid username and password <input type="checkbox"/> Yes <input type="checkbox"/> No	Comments:
user can only access the data if they have privilege <input type="checkbox"/> Yes <input type="checkbox"/> No	
data shown correctly <input type="checkbox"/> Yes <input type="checkbox"/> No	

General Tests	
Raspberry Pi receive data from sensor <input type="checkbox"/> Yes <input type="checkbox"/> No	Comments:
Server receive data from Raspberry Pi <input type="checkbox"/> Yes <input type="checkbox"/> No	
Server sends information to end user <input type="checkbox"/> Yes <input type="checkbox"/> No	

Reliability and Performance Tests	
System running for 24 hours continuously <input type="checkbox"/> Yes <input type="checkbox"/> No	Comments:
Support at least 20 user <input type="checkbox"/> Yes <input type="checkbox"/> No	
Store at least 20 reports for each user <input type="checkbox"/> Yes <input type="checkbox"/> No	

Safety Tests	
Sensor can be easily detached <input type="checkbox"/> Yes <input type="checkbox"/> No	Comments:
Sensor will not cause allergy <input type="checkbox"/> Yes <input type="checkbox"/> No	
All wires are electrically isolated <input type="checkbox"/> Yes <input type="checkbox"/> No	