**WORK PACKAGE**

* For this semester, there are quite a few things that still need to be done. The major items on my list, I will outline below.

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| **Strain Ga. (Phuong)** | **IR (Abdul)** | **Build (Khanh)** | **Test (Mutlaq)** | **WiFi (Marshall)** | **Integration** |
| Calibrate | Prox. Sensor | 3D model | Give parameters of the project | Setup | Make the story work |
| Weight-Value (The breakdown weight it can handle) | Daylight/Night | Hooking everything up | Environmental Factors (different lighting, door frames, bed weights) | Protocol | Keypad/finger sensor |
| Test | LED/Fluorescent | Battery(Arduino, Sensors) |  | peer to peer | TA at Nov/20 |
| Zeroize | code into arduino | Enclosure |  | dhcp |  |
| Code into Arduino |  |  |  |  |  |
| arduino uno with HTTPS | arduino uno with HTTP |  |  |  |  |

My task will be focus on how to test the project by give parameters of the project and environmental factors (different lighting, door frames, bed weights).

We worked this week with our project and we build it and connected the wight sensors and Arduino after we upload the code on it. Then we calibrated but it didn’t work. We plane to fix the code again and do the test again.

For next semester, there some of things need to be done. The major items on my list, I will outline below.

* Evaluate the project and correct any mistake from the previous semester.
* Rework on the design of the project and check availability of any sensors.
* Work on the finger touch and make alarm via SMS that the patient moved from the bed.
* Adjust the sensors on bed frame or on the door frame.