

Project Requirements:

- ✓ A vibration robot.
- ✓ The movement of the robot should be done by the vibration using vibration motors.
- ✓ The robot should have 3 legs.
- ✓ The movement of the robot can be controlled by an Android Application connected via Bluetooth.
- ✓ 2 robots should be made.

In stock materials:

- ✓ 2 pcs Arduino Nano – 600 PHP
- ✓ 2 pcs HC-05 Bluetooth Module – 800 PHP
- ✓ 2 pcs 1k resistor – 2 PHP
- ✓ 2 pcs 2k resistor – 2 PHP

Need to buy materials:

- ✓ 4 pcs Vibration Motor 580 + 50 shipping fee = 630 PHP
<https://www.lazada.com.ph/products/vibrating-mini-motor-disc-i111658783-s113847054.html?spm=a2o4l.searchlist.list.10.279f7e1dXTLt7O&search=1>
- ✓ 2 pcs Universal PCB (5x7cm) - 50
<https://www.makerlab-electronics.com/product/fr4-perf-proto-board-5x7-cm-double-sided-universal-pcb/>
- ✓ Coin Cell Battery Set (CR2032) - 99
<https://www.makerlab-electronics.com/product/sony-cr2032-3v-cmos-motherboard-battery-pack-of-5/>
- ✓ 2 pcs Coin Cell Holder - 176
<https://shopee.ph/NIC-CR2032-Coin-Cell-Button-Battery-Holders-Module-For-LilyPad-Electronics-i.51523660.826598895>
- ✓ 2 pcs USB DC-DC 0.9-5V 600mA Boost Converter - 110
<https://www.makerlab-electronics.com/product/usb-dc-dc-0-9-5v-600ma-boost-converter/>

Total Material's Cost: 2469

Labor Fee: 8000

3D Printing: 800

Filament Used Price: To follow.

Expected Total Fee: 10854

We need the payment for the total materials cost and down payment: $2469 + (0.30 * 8000) = 4869$ PHP

By letting me do the prototype, you are agreeing to our terms of service listed in the next page. Please read it.

Terms of Service

1. It is the job of the client to explain all the requirements of the project. I/we will only do what the client specified. The client should be as specific as possible.
2. The time frame for the development must be reasonable. Rush projects are accepted if I/we can do it in time but will be heavily priced.
3. I/we will not teach every detail of how the project is made as it will take too much of our time.
4. Once the project is done, major revisions are not allowed so refer to Term No. 1.
5. Once the project is marked complete and proof of concept was personally presented to the client, I am/we are not responsible if the prototype became faulty if the client attempted to revise the project.
6. The client will be the one to adjust to our schedule in case we need to meetup.
7. I am/we are allowed to drop the project if there is a misconduct in the client's side or if they are not doing their responsibilities properly.
8. I am/we are allowed to forward the project to another developer if I/we face a problem that will result for the delay of the project, so it won't result to further inconveniences.
9. No down payment, no starting of development. This applies only to complicated prototypes (thesis/design/business-related programs). May accept another payment division for non-students.
30% down payment.
Another 40% if the project is 70% done.
Then another 30% if the project is 100% done.
10. We are allowed to record the project and add it to our portfolio if the client allows it.