

### Capstone Project Budget Template

Item	Item Description and/or Part Number	Vendor Name	Vendor Contact (name, address, phone, website)	Quantity	Cost per unit	Cost
Personnel				2	10€/hora	1000€ para 50h
Equipment						
• List Item(s)	Computador Telemóvel					
Components						
• List Item(s)	Arduino Mega	PTROBOTICS	<a href="https://www.ptrobotics.com/">https://www.ptrobotics.com/</a>	1	21,53€	21,53€
	2x16 LCD Display	PTROBOTICS	<a href="https://www.ptrobotics.com/">https://www.ptrobotics.com/</a>	1	8,49€	8,49€
	Teclado de Membrana 4x4	PTROBOTICS	<a href="https://www.ptrobotics.com/">https://www.ptrobotics.com/</a>	1	4,31€	4,31€
	Servo Motor	PTROBOTICS	<a href="https://www.ptrobotics.com/">https://www.ptrobotics.com/</a>	1	7,93€	7,93€
	GSM Module	PTROBOTICS	<a href="https://www.ptrobotics.com/">https://www.ptrobotics.com/</a>	1	37,45€	37,45€
	Leds	ELETROFUN	<a href="https://www.electrofun.pt/">https://www.electrofun.pt/</a>	2	1,11€	2,22€
	Buzzer	PTROBOTICS	<a href="https://www.ptrobotics.com/">https://www.ptrobotics.com/</a>	1	0,49€	0,49€
	Botão	PTROBOTICS	<a href="https://www.ptrobotics.com/">https://www.ptrobotics.com/</a>	1	0,22€	0,22€
	M/M Jumper Wires	PTROBOTICS	<a href="https://www.ptrobotics.com/">https://www.ptrobotics.com/</a>	40	0,10€	4€
	RC522 RFID Starter Kit	PTROBOTICS	<a href="https://www.ptrobotics.com/">https://www.ptrobotics.com/</a>	1	5,54€	5,54€
	WiFi Module – ESP8266	PTROBOTICS	<a href="https://www.ptrobotics.com/">https://www.ptrobotics.com/</a>	1	4,31€	4,31€
	Kit Resistencias	PTROBOTICS	<a href="https://www.ptrobotics.com/">https://www.ptrobotics.com/</a>	1	3,69€	3,69€
	I2C Adapter LCD	PTROBOTICS	<a href="https://www.ptrobotics.com/">https://www.ptrobotics.com/</a>	1	4,00€	4,00€
Software						
• List Item(s)	Arduino IDE	ARDUINO	<a href="https://www.arduino.cc/en/software/">https://www.arduino.cc/en/software/</a>		0€	0€
Materials & Supplies						
• List Item(s)	Madeira	Leroy Merlin	<a href="https://www.leroymerlin.pt/">https://www.leroymerlin.pt/</a>	1	+20€	+20€
Construction					+20€	+20€
Total						1144,18€