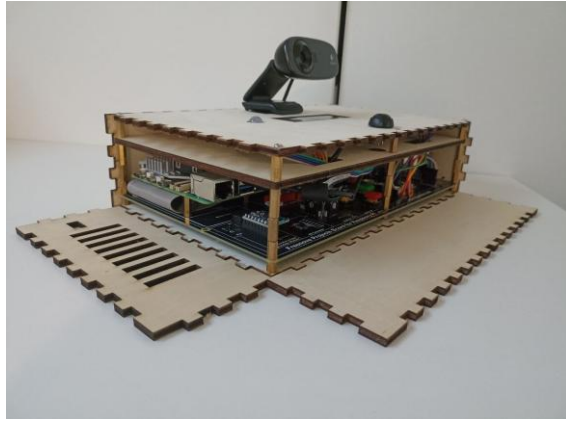


|                     |                 |
|---------------------|-----------------|
| Class               | CTAI            |
| First Name:         | Yevhenii        |
| Name                | Murenko         |
| Project Name :      | ShoulderGuardAI |
| Assembly Revision : | 4               |
| Approval Date :     | 10-Mar-26       |
| Part Count :        | 9               |
| Total Cost :        | €342            |

| Part # | Part Name                                                                                                                       | Description                                                          | Revision | Qty |
|--------|---------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------|-----|
| 1      | Raspberry Pi 5 8GB                                                                                                              | raspberry Pi to control the entire system                            | 2        | 1   |
| 2      | Freenove Project Board v1.1                                                                                                     | The main platform of the project, where all electronis are connected | 3        | 1   |
| 2      | REY Dupont Compatible Cable, Female Jumper Cable                                                                                | connectors between pi and modules                                    | 2        | 1   |
| 4      | Active Buzzer Module (OT2001-D123)                                                                                              | adds sound effects                                                   | 2        | 1   |
| 5      | I2C LCD 1602 Module                                                                                                             | small display for representing text                                  | 2        | 1   |
| 7      | RC522 RFID                                                                                                                      | identifies user                                                      | 1        | 1   |
| 8      | RGB LED module                                                                                                                  | visualizes the danger                                                | 1        | 1   |
| 9      | Brass Spacer M2.5 Male Female Hexagonal Copper Bolts Screws and Stainless Steel Nuts Assortment Kit with Storage Box 180 Pieces | binding components                                                   | 1        | 1   |
| 10     | Logitech 960000585 HD C310 Portable Webcam, 5MP, Black                                                                          | real-time filming                                                    | 1        | 1   |

|              |                                             |                                                 |   |          |
|--------------|---------------------------------------------|-------------------------------------------------|---|----------|
| 11           | Black Push button 12mm -<br>Reset - PBS-33B | main push button to<br>start/stop the prototype | 1 | 1        |
| <b>Total</b> |                                             |                                                 |   | <b>9</b> |



(picture can only be added with END delivery of pro

| Supplier                                                                                            | also available from | Units | Unit Cost |
|-----------------------------------------------------------------------------------------------------|---------------------|-------|-----------|
| <a href="#">FgRYHI04p1ee-fpjoXk7Z1oMiagPmkzuZryZgRUI_EDdwn0IXsC_InBoPII</a>                         |                     | 1     | € 195.71  |
| <a href="#">KRNWXPiF2TBsn7FwZsEBVelucFHtFz5wJJn6l43oGV4LrycD-flisKahcEC8</a>                        |                     | 1     | € 59.95   |
| <a href="#">13024169980&amp;hvpos=&amp;hvnetw=g&amp;hvrnd=10168492738100756958&amp;hvpon=&amp;l</a> |                     | 1     | \$ 4.49   |
| <a href="#">0AAAAACZK5qvx1Qcv8nIFcjKO33AqJ6f1O&amp;gclid=CjwKCAjw8uTQBhAdE</a>                      |                     | 1     | € 1.40    |
| <a href="#">kCode=df0&amp;hvadid=744519782565&amp;hvpos=&amp;hvnetw=g&amp;hvrnd=1310624</a>         |                     | 1     | \$ 8.95   |
| <a href="#">DIVwz1ffG7UQSYhQRomzseaza3VWcYemvid881c6qC1SzRbZPo_jqaF91HWsR</a>                       |                     | 1     | \$ 6.49   |
|                                                                                                     |                     | 1     |           |
| <a href="#">om.be/-/en/dp/B08W9BKZ37?ref=ppx_yo2ov_dt_b_fed_asin_title</a>                          |                     | 1     | \$ 9.90   |
| <a href="#">n.com/Logitech-C310-Portable-Webcam-Black/dp/B00l6JEZOY</a>                             |                     | 1     | \$ 55.00  |

|                                                                                       |   |      |
|---------------------------------------------------------------------------------------|---|------|
| <a href="#">anual-switches/push-buttons-and-switches/black-push-button-12mm-reset</a> | 1 | 0,65 |
|                                                                                       |   |      |
|                                                                                       |   |      |

object!)

| Max Cost | Real Cost |
|----------|-----------|
| € 195.71 |           |
| € 59.95  |           |
| € 4.49   |           |
| € 1.40   |           |
| € 8.95   |           |
| € 6.49   |           |
| € -      |           |
| € 9.90   |           |
| € 55.00  |           |

0,65

€ 341.89