

# Final prototype building process



## Materials used

- 1 Silicone
- 2 2 Yellow pin led
- 3 Electric cable
- 4 Insulating tape
- 5 2 button cells
- 6 Mold in das material
- 7 Fabric lining

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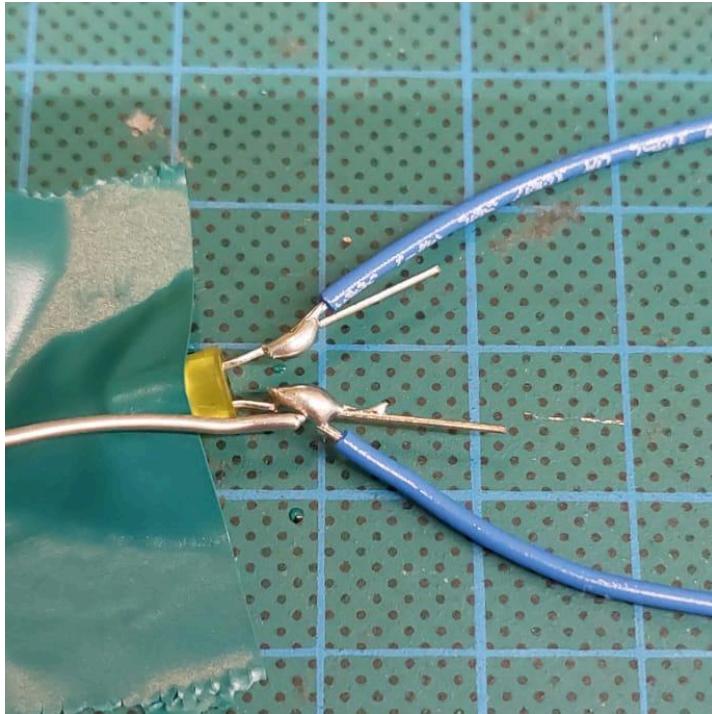


1. Process for shaping the mold

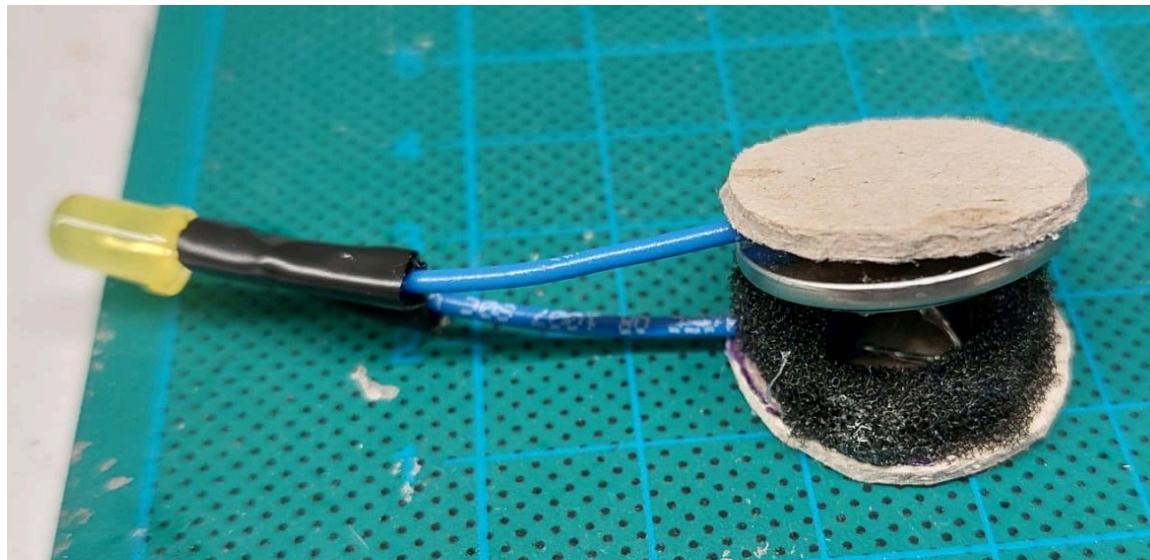


2. Prototype modelling

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3. Soldering of LEDs to electric cables



4. Focus of one circuit

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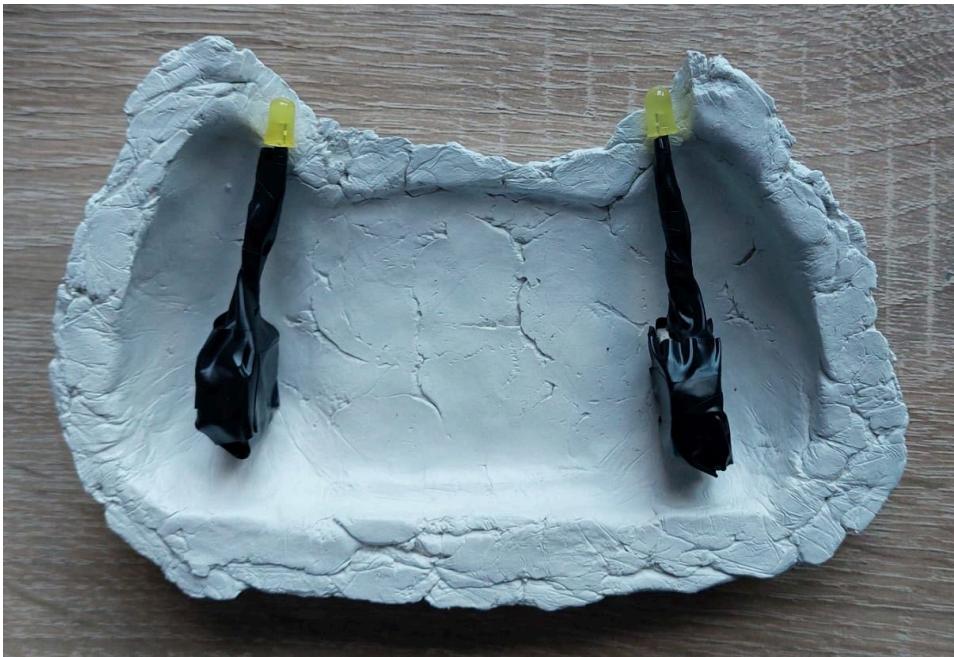


5. Creating the circuit where the leads only make contact with the battery when pressed



6. Circuit board coating for safety and stability

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7. Positioning of the sensors in the mold



8. Coating with silicone

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9. Positioning of the cover in the defined space

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10. Finished shape taken out of the mould, inner side



11. Finished shape taken out of the mould, outer side

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12. Finished shape covered by the fabric, inner side



13. Finished shape covered by the fabric, outer side