item	recommended brand&type	picture ref #	example URL		
Bike parts					
Derailleur cable with hose & ends			https://www.bikester.be/706991.html		
cable adjuster			https://www.bikester.be/jagwire-index-adjusting-barrel-kruk-en-trapas-accessoires-zwart-zilver-626630.html		
Sensor			https://www.bikester.be/fietsaccessoires/fietscomputers/fietscomputers-accessoires/321498.html		
Magnet			https://www.conrad.be/p/tru-components-d10t5-m3-permanente-magneet-ring-n35-grenstemperatuur-max-80-c-1568107		
Electronics					
Servo	Power HD 1501MG		https://www.amazon.com/Ktyssp-Power-1501MG-Torque-Servo/dp/B07SG87V4W		
Arduino Nano or 100% compatible	ATmega 328 (code A000005)		https://www.conrad.be/p/arduino-board-nano-atmega328-1172623		
Toggle switch (on)off(on)			https://www.conrad.be/p/apem-5537a-55370003-tuimelschakelaar-250-vac-3-a-1x-aanuitaan-moment0moment-1-stuks-700351		
PCB board (island contacts)			https://www.conrad.be/p/rademacher-wr-typ-811-2-printplaat-hardpapier-l-x-b-100-mm-x-75-mm-35-m-rastermaat-254-mm-inhoud-1-stuks-529580		
2X resistor 470 ohms 1/4W			https://www.conrad.be/p/te-connectivity-rox2sj470r-metaalfilmweerstand-470-axiaal-bedraad-2-w-5-1-stuks-1677278		
resistor 220 ohms 1/4W			https://www.conrad.be/p/te-connectivity-rox3sj220r-metaalfilmweerstand-220-axiaal-bedraad-3-w-5-1-stuks-1676926		
push-button w/ Led	Velleman R1396B	Pic_18.JPG	https://www.gotron.be/miniatuur-drukschakelaar-met-rode-led-spst-off-on.html		
buzzer			https://www.conrad.be/p/conrad-components-miniatuurzoemer-geluidsontwikkeling-85-db-spanning-5-v-1-stuks-1511468		
flex multicable			https://www.gotron.be/flatcable-10p-gekleurd.html		
solid cable			https://www.gotron.be/soepele-montagedraad-set-90m.html		
4-pole cable			https://www.gotron.be/telefoniekabel-4-aders-voor-rj-connectoren-met-afscherming-zwart.html		
6V accupack			https://www.conrad.be/p/nimh-accupack-6-v-2200-mah-aa-penlite-z-soldeerlip-emmerich-readytouse-5aa-zlf-255070		
2.4V accupack			https://www.conrad.be/p/nimh-accupack-24-v-750-mah-aaa-potlood-z-soldeerlip-panasonic-eneloop-reihe-f1x2-251957		
charger			https://www.conrad.be/p/modelbouw-oplader-220-v-1-a-voltcraft-mw6168v-nicd-nimh-237739		
servo female connector (or row pin connectors)			https://www.gotron.be/extra-lange-afbreekbare-vergulde-contacten-16-pins-mannelijk-mannelijk-5-pcs.html		
mono jack male plug 3.5mm		Pic_19.JPG	https://www.conrad.be/p/tru-components-jackplug-35-mm-stekker-recht-aantal-polen-2-mono-zwart-1-stuks-1564577		
mono jack female chassis 3.5mm			https://www.conrad.be/p/bkl-electronic-072314-jackplug-35-mm-bus-inbouw-verticaal-aantal-polen-2-mono-zilver-1-stuks-733121		
stereo jack male plug 3.5mm			https://www.conrad.be/p/tru-components-jackplug-3.5-mm-stekker-recht-aantal-polen-3-stereo-zwart-1-stuk-s-1559784		
stereo jack 3.5 PCB			https://www.conrad.be/p/cliff-fcr1295-jackplug-35-mm-bus-inbouw-horizontaal-aantal-polen-3-stereo-zwart-1-stuks-705830		
charger plug chassis 5.5x2.5mm		Pic_20.JPG	https://www.conrad.be/p/cliff-scd-026a-laagspannings-connector-bus-inbouw-verticaal-55-mm-25-mm-1-stuks-735627		
double pole key-switch (19mm diameter)		Pic_21.JPG	https://www.gotron.be/sleutelschakelaar-dubbelpolig-on-off-2a-250v-d-19mm.html		
DIN chassis male 4-pole		Pic_22.JPG	https://www.gotron.be/4-polige-cb-din-stekker-mannelijk-chassismontage.html		
DIN plug female 4-pole			https://www.gotron.be/4-polige-cb-din-stekker-vrouwelijk-kabelmontage.html		
screw terminals			https://www.gotron.be/lusterklem-1-5-6mm-15a-in-latten-van-12-polen.html		
1 metal screw 3mm (if the one that comes with the servo is not long enough)					
4 self-tapping wood screws to mount the servo (3mm)					
6 self-tapping wood screw to mount the BigBox top (2.5mm)					