

Estimated needs:				
ID:	Subject/Component:	Use/Part:	Shop/Example/Info:	≈Price pp:
	<b>Hardware:</b>			
1	Windows Kinect/Asus Pro xtion	User-recognition	<a href="http://www.microsoftstore.com/store/mseea/nl_NL/pdp/Kinect">http://www.microsoftstore.com/store/mseea/nl_NL/pdp/Kinect</a>	OAMK
2	Kinect Adapter for Windows	User-recognition	<a href="http://www.microsoftstore.com/store/msusa/en_US/pdp/Kinect">http://www.microsoftstore.com/store/msusa/en_US/pdp/Kinect</a>	OAMK
3	PC	Mastering project (central)	OAMK ? (necessary to connect kinect)	/
4	Screen or Tablet	GUI on fridge	OAMK ? (Web-application)	/
5	Arduino Uno	Controlling fridge	OAMK? (got it)	OAMK
6	Two or more RGB-ledstrips	To indicate needed foods	<a href="http://www.dx.com/p/12v-54-led-rgb-light-strip-50cm-11304#.V">http://www.dx.com/p/12v-54-led-rgb-light-strip-50cm-11304#.V</a>	€ 20,00
7	Compennts custom-Arduino-shield	RGB driver, TIP31, expierence,...	<a href="https://www.dfrobot.com/index.php?route=product/product&amp;p">https://www.dfrobot.com/index.php?route=product/product&amp;p</a>	/
8	HC-SR04	To detect distance user	<a href="http://www.dx.com/nl/p/hc-sr04-ultrasonic-sensor-distance-meas">http://www.dx.com/nl/p/hc-sr04-ultrasonic-sensor-distance-meas</a>	€ 3,00
9	Temprature-sensor	checking (mabe controlling)	<a href="http://www.dx.com/p/arduino-digital-temperature-humidity-ser">http://www.dx.com/p/arduino-digital-temperature-humidity-ser</a>	€ 5,00
10	(Wifi)Router	Connecting everything	OAMK?	/
11	Speakers	To interact with user	OAMK?	/
12	Multiple NFC-readers	To read ingredients (maybe send)	<a href="http://www.dx.com/p/13-56mhz-nfc-rfid-shield-module-pn532-f">http://www.dx.com/p/13-56mhz-nfc-rfid-shield-module-pn532-f</a>	€ 80,00
13	NFC-stickers	To identify ingredients	<a href="http://www.dx.com/p/000142-nfc-tag-smart-electronic-high-freq">http://www.dx.com/p/000142-nfc-tag-smart-electronic-high-freq</a>	€ 15,00
14	Motion detector	To save energy	<a href="http://www.dx.com/p/ir-infrared-motion-detection-sensor-modu">http://www.dx.com/p/ir-infrared-motion-detection-sensor-modu</a>	€ 2,50
15	Weight-scale (Foil? Bluetooth? Price?)	Weighing user	<a href="http://www.open-electronics.org/wi-fi-body-scale-with-arduino/">http://www.open-electronics.org/wi-fi-body-scale-with-arduino/</a>	/
	<b>Software:</b>			
16	Database	online data storage (MySQL, ub.)	<a href="http://azure.microsoft.com/en-us/">http://azure.microsoft.com/en-us/</a> OAMK?	OAMK
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