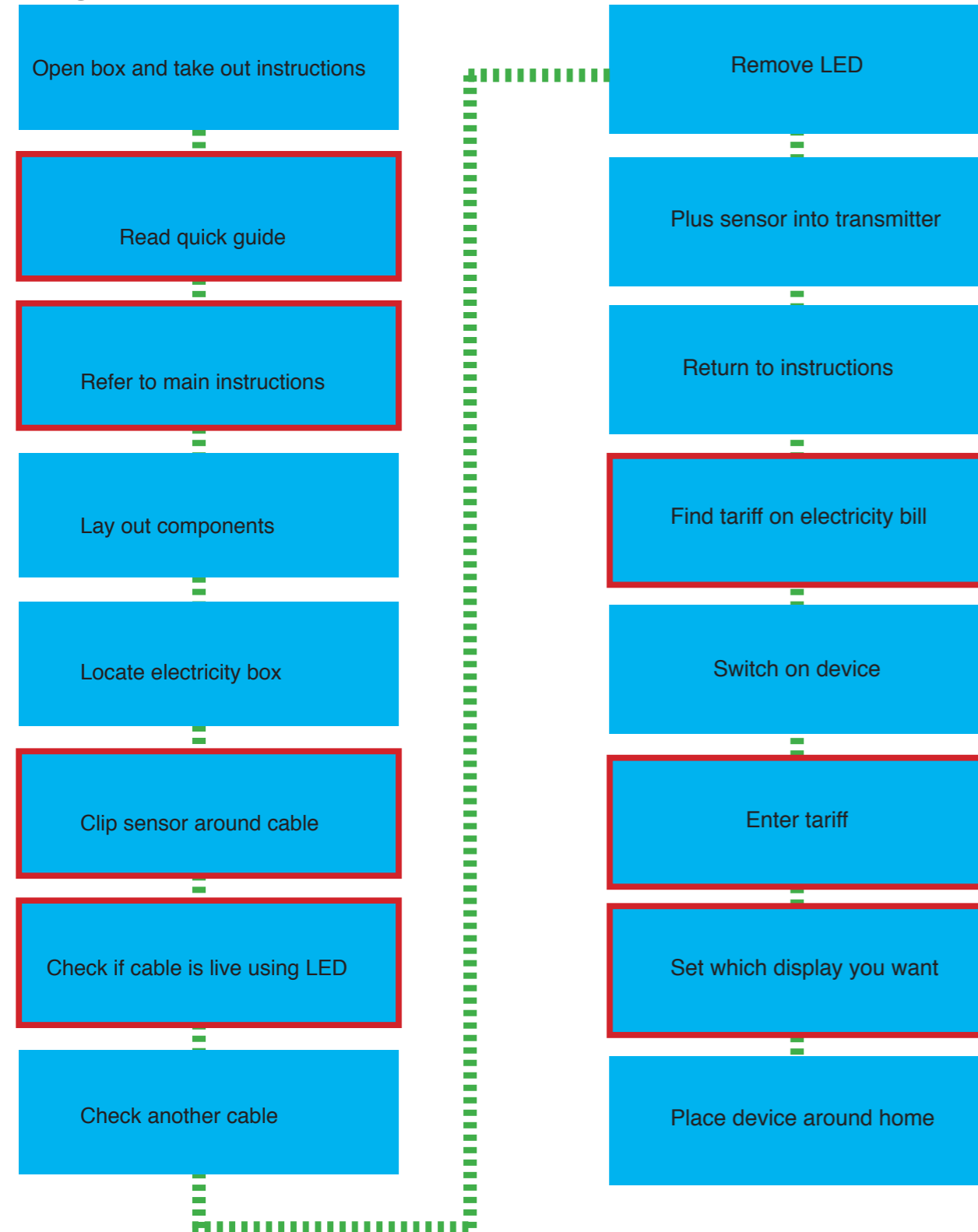


Human Factors *Task analysis*

Techniques

Task analysis and role play.

These techniques were chosen to allow me to empathise with the chosen user group. By outlining the main cognitive and physical challenges I can identify key areas for re-design



Conclusion

From the task analysis, the main cognitive challenges, shown by red outline, were the dealing with the instructions, actually clipping the sensor around the correct cable and entering/locating tariff to the device. These are all aspects that can be simplified. The main physical challenges were opening and closing the clip, dealing with the buttons on the display and fitting the sensor output into the transmitter as you can see outlined in green on the images.