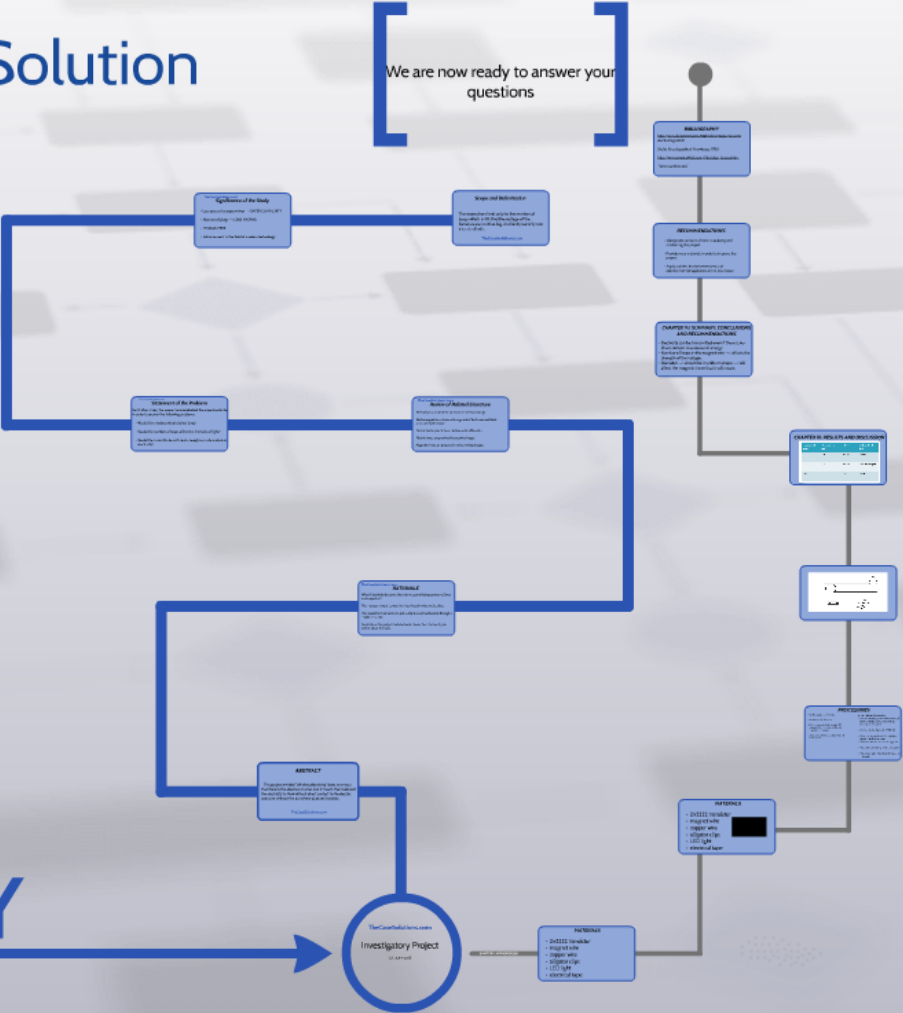


# WiTricity: Electricity cuts the cord Case Solution

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## WIRELESS ELECTRICITY

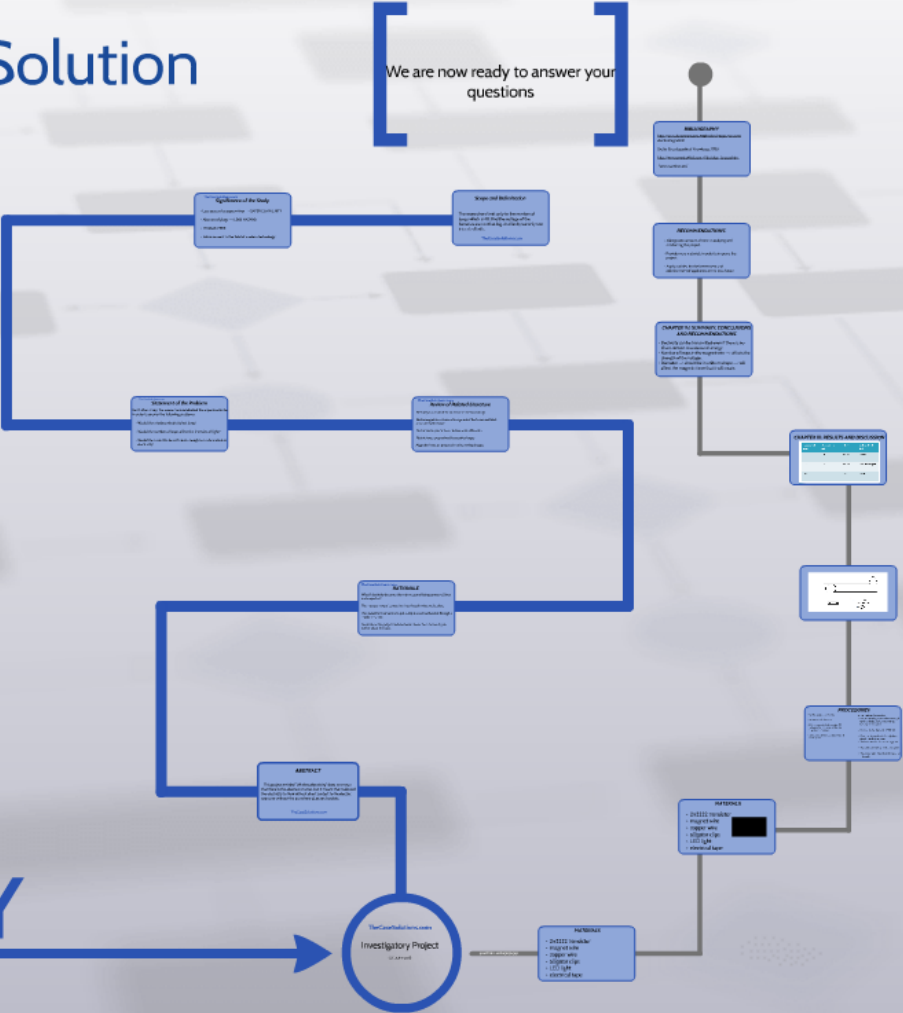


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## WIRELESS ELECTRICITY



A faint, light gray flowchart is visible in the background, consisting of various rectangular and diamond-shaped nodes connected by thin lines. A large, thick blue circle is centered on the page, framing the main text. A blue triangle points towards the circle from the left edge.

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# Investigatory Project

S.Y. 2014-2015

CH

# ***ABSTRACT***

This project entitled “Wireless electricity” does not mean that there is the absence of wires, but it meant that it allowed the electricity to flow without direct contact to the electric source or without the use of any plugs and sockets.

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## ***RATIONALE***

What if electricity becomes the main reason of losing someone's lives and properties?

The improper way of connecting lines through wires and sockets.

The researchers' concern is to put a stop to electrical hazards through a modern manner.

Great interest in gadgets and electronics drove them to investigate further about the topic.

## ***Review of Related Literature***

Electricity is a result of the existence of electrical charge.

Electromagnetism, science of charge and of the forces and fields associated with charge.

Electric and magnetic forces behave quite differently.

Electric forces are produced by electric charges.

Magnetic forces are produced only by moving charges.

## ***Statement of the Problem***

For further study, the researchers conducted the experiments to in order to answer the following problems:

- Would the wireless electricity last long?
- Would the number of loops affect the intensity of light?
- Would the materials be sufficient enough to make a wireless electricity?

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## ***Significance of the Study***

- Less cases of octopus wiring --> SAFER COMMUNITY
- Absence of plugs --> LESS HAZARD
- HASSLE-FREE
- Advancement in the field of modern technology



## ***Scope and Delimitation***

The researchers limit only to the number of loops which is 48. And the voltage of the batteries are not that big. And lastly we only test it to a led bulb.

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