

## **[Thunder Drive]**

### Website Proposal

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#### **Context**

[We want to make a website promoting all-electric cars. We have noticed that electric cars have been going through a technology renaissance. Showing that electric cars are just as capable as gas cars, arguably electric being superior. However despite the many breakthroughs of technology in the industry they are still rarely to be seen out in the real world. Our website wants to show its users the many options of electric cars to make the transition to gas to electric a little easier. DONE

#### **Purpose**

[Website title]

[We want to convert as much people to electric cars from gas cars. To better the environment and to push for a higher demand in electric car technology. ] DONE

#### **Stakeholders**

The stakeholders include people planning on getting a new vehicle who want a more environmentally friendly mode of transportation. In addition, people of any age with enough income able to purchase said vehicles can also benefit from this website.

Indirect- Promotes car companies who produce the EVs, benefits electric companies

#### **Benefits for Stakeholders**

People who visit are planning on getting a new vehicle, or have an interest in electric cars. The site can help in educating visitors about EV, and introduce them to some models. With information such as the electric car tax credit, the site can also help reduce the starting cost of a vehicle and persuade the visitors in purchasing an electric vehicle.

More interest in electric vehicles would push motor companies to make more technological advances for them, and eventually reduce the cost.

### Corresponding Values

Environmental sustainability - the top goal for our website is to reduce our need for using gas cars. We want people to be exposed to electric cars and show that they are just as good as gas and it helps better the environment. Relying less on combustion will help the world long term. DONE

<https://www.nytimes.com/interactive/2021/03/10/climate/electric-vehicle-fleet-turnover.html>

### Information Requirements

CHARGING - you'll need to charge your EV at a standard 120V outlet or a 240V charger. And may consider home improvements to support EV charging at your home(optional/prefered). Also consider there are less public charging stations then gas stations

BATTERY/BATTERY EFFICIENCY - an EV's battery efficiency drops over time as you use it. And weather conditions can change your mileage, how far you can drive.

REPAIRS - warranty is absolutely needed incase your car needs a quick fix. You would have to take it directly to the manufacturer and will unfortunately no longer be able to rely on local mechanics. DONE

### Wireframes

[Create wireframes outlining the information that will appear on the website. Wireframes refine the design of your website by helping to decide which information needs to appear on which page before the site is implemented.]

### References

[Include a list of references to the sources of information used. Please take care of the reputability of your sources. The use of reliable and trustworthy sources is essential for strengthening the credibility and appeal of your proposal.]

<https://www.tesla.com/>

<https://www.ford.com/>

<https://rivian.com/>

<https://www.toyota.com/>

[https://www.polestar.com/us/polestar-2/?gad=1&gclid=Cj0KCQjwmvSoBhDOARIsAK6aV7j-pGxF-S1XL5vxOBvuvEl7ldrvBTOIHZzIdfWRMAqUGPLIrBYm85QaAullEALw\\_wcB](https://www.polestar.com/us/polestar-2/?gad=1&gclid=Cj0KCQjwmvSoBhDOARIsAK6aV7j-pGxF-S1XL5vxOBvuvEl7ldrvBTOIHZzIdfWRMAqUGPLIrBYm85QaAullEALw_wcB)

[https://www.kia.com/us/en/k5?chid=sem&ppc=y&aud=&CID=20266947&SID=4132975&PID=204383426&AID=404210472&CRD=0&&&&gad=1&gclid=Cj0KCQjwmvSoBhDOARIsAK6aV7gZtKfteTc2-cbkSyhVLYvJsSXwwKH52XZSS38Kxo\\_G-vpmqOuEsJsaAtPgEALw\\_wcB&gclsrc=aw.ds](https://www.kia.com/us/en/k5?chid=sem&ppc=y&aud=&CID=20266947&SID=4132975&PID=204383426&AID=404210472&CRD=0&&&&gad=1&gclid=Cj0KCQjwmvSoBhDOARIsAK6aV7gZtKfteTc2-cbkSyhVLYvJsSXwwKH52XZSS38Kxo_G-vpmqOuEsJsaAtPgEALw_wcB&gclsrc=aw.ds)

The cheapest electric cars in the market

<https://www.cars.com/articles/here-are-the-11-cheapest-electric-vehicles-you-can-buy-439849/>

[https://afdc.energy.gov/fuels/electricity\\_benefits.html](https://afdc.energy.gov/fuels/electricity_benefits.html)

<https://driveclean.ca.gov/top-reasons>

<https://www.way.com/blog/will-electric-vehicles-get-cheaper/#:~:text=The%20cost%20of%20batteries%20may,around%20%2435%2C000%20or%20even%20lower.>