SUMMARY OF REPORT

State-of-Charge estimator with Battery Swapping Station locator for an Autonomous Vehicle

Chapter 1: This chapter talks about how the project was conceptualised and formulated and what was the motivation behind doing the project.

Chapter 2: This chapter deals with the literature survey and research that would be done before the project would be practically implemented and learnings from the research that are later utilised in the project.

Chapter 3: This chapter deals with the important domains in the project that have been identified and thoroughly understood, designed and implemented.

Chapter 4: After the hardware implementation, this chapter deals with the results and analysis of the sub-systems present in the project.

Chapter 5: The project as a whole is concluded in this chapter and scope for future works is dealt within this chapter.

Sl. No.	Components	Price/Unit	No. of Units	Total(_)
1	Arduino Uno	250	1	250
2	WIZwiki 7500P	1962	1	1962
3	Lithium ion cell	250	1	250
4	Voltage Sensor	100	1	100
5	Current Sensor	270	1	270
6	Bluetooth Module	240	1	240
7	Breadboard and wires	100	1	100
8	Resistors	30	1	30
			Total	3202

Most of the Autonomous Vehicle startups would be working on this part as Battery Swapping technology is starting to gain momentum.

FINAL

ORIGINALITY REPORT

13%	13%	2%	%
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PRIMARY SOURCES

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