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GPC CHALLENGE

Julia Johnson, Alexis McGruder, David Bazan



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INTRODUCTION

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Alexis McGruder

- Software Engineering
- 3rd Year

Julia Johnson

- Computer Science & Computer Engineering Majors
- 3rd Year

David Bazan

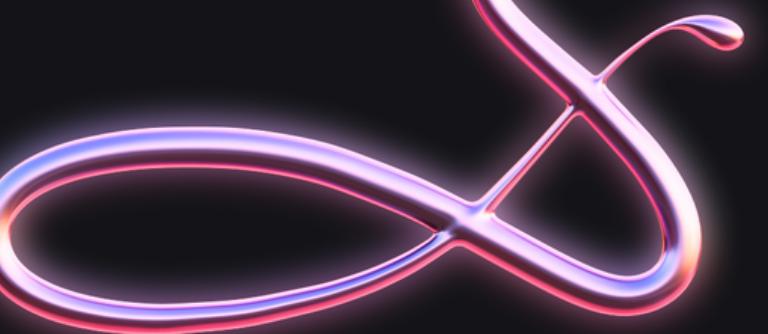
- Computer Science Major
- 3rd Year



THE CHALLENGE

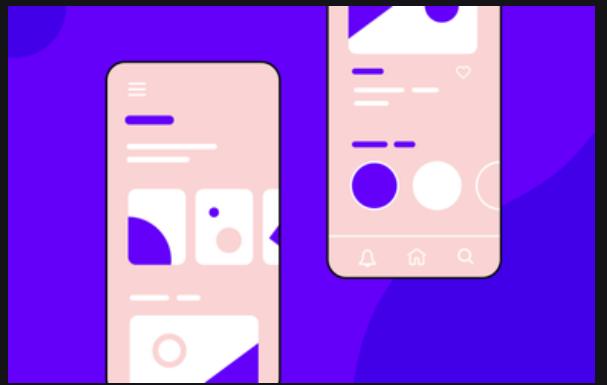
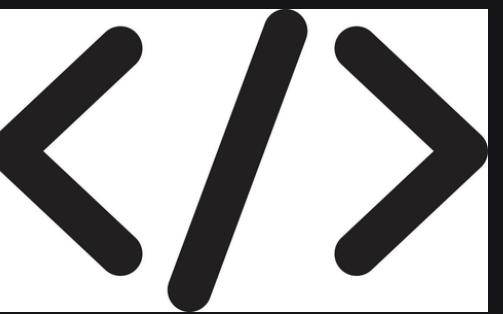
To optimize a given area,
transportation, and products for
shipments





OUR DESIGN

Products	Width	Length	Height	Weight	Hazardous	Handeling Instr.	Sales Forecast	Cost
NAPA PRO6.875 in	9.5625 in	8.875 in	37 lbs	Yes	No Special Handling	28,472	\$129.99	
NAPA PRO0.98 in	0.9 in	3.14 in	26.1 lbs	Yes	No Special Handling	79,815	\$253.47	
NAPA PRO2in	26 in	2 in	0.59 lbs	No	No Special Handling	45,678	\$18.69	
NAPA Pro12.99in	12.99 in	2.19 in	26.4 lbs	No	No Special Handling	63,294	\$100.99	
Fuzzy Dice6.73 in	3.9 in	3.11 in	0.07 lbs	No	No Special Handling	37,519	\$9.97	
Turbochar3in	3 in	3.94 in	0.95 lbs	No	No Special Handling	92,381	\$113.99	
K&N Air Fi3.3 in	3.3 in	4.25 in	2.4 lbs	Yes	No Special Handling	27,518	\$52.99	
NAPA Extender10 in	3.8 in	15 in	8.3 lbs	Yes	No Special Handling	54,927	\$9.99	
Pro Comp7 in	15 in	15 in	52 lbs	Yes	No Special Handling	84,672	\$153.99	
Wolo Dom4.5 in	18.5 in	8 in	4.8lbs	No	No Special Handling	71,836	\$100.79	
NAPA Exh7 in	7 in	4 in	10 lbs	No	No Special Handling	16,789	\$33.99	
Front Axle1.58in	47 in	1.58 in	22.2 lbs	Yes	No Special Handling	68,240	\$488.99	
Mirror - In2.4 in	10 in	3 in	0.24 lbs	No	No Special Handling	31,507	\$46.99	
Windshield10 in	3.8 in	15 in	8.3 lbs	Yes	No Special Handling	73,914	\$4.79	
FrostGuard0.01 in	68 in	41 in	22 lbs	No	No Special Handling	58,723	\$32.99	



01 DATA

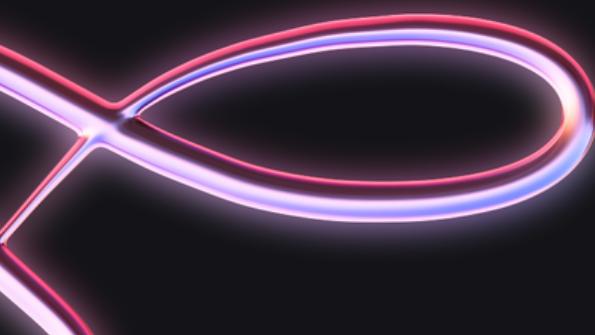
Collected valuable data on process, shipments and other metrics for our design to function.

02 CODE

Thought through the logical and mathematical aspects of optimizing a given space.

03 MOCK-UP

Constructed a functioning mockup to fulfill the orders with an easy and friendly user interface.



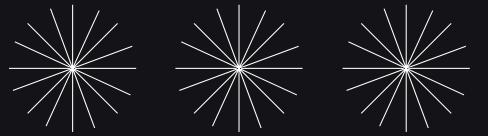


SOLUTION

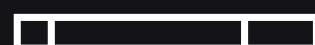
We determined many vital components and identified the most optimal method to construct a dynamic and customizable storage system.



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WANT TO GIVE IT A
TRY?





THANK YOU



ANY QUESTIONS?

