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This is a report on the smart path delivery system. This system, likely employing a sophisticated route optimization algorithm, aims to streamline the delivery process by identifying the most efficient path for a vehicle or courier to traverse multiple destinations. It considers various factors such as distance, traffic conditions, delivery time windows, and any specific constraints or requirements. By calculating the shortest possible route, the system minimizes travel time and fuel consumption, leading to significant cost savings and improved operational efficiency. Moreover, ensuring all destinations are visited guarantees that no deliveries are missed, while the return to the starting point optimizes the overall journey and allows for efficient resource allocation and scheduling. This type of system is particularly valuable for businesses with large delivery fleets or those operating in complex urban environments where efficient route planning is crucial for success. Key aspects highlighted in the paragraph: Route Optimization: The core function of the system is to determine the most efficient path. Multi-location Delivery: The system caters to scenarios involving multiple delivery points. Shortest Path: The primary objective is to minimize the total distance or travel time. Delivery Requirements: The system accounts for specific constraints like time windows, delivery priorities, and any special instructions. Complete Coverage: Ensures all destinations are visited, preventing missed deliveries. Return to Origin: Optimizes the overall journey by returning to the starting point. Benefits: ensuring all destinations are visited guarantees that no deliveries are Optimizes the overall journey by returning to the starting point. Benefits: Cost savings, improved efficiency, optimized resource allocation. Applications: Valuable for businesses with large delivery fleets or those operating in complex environments. This system has the potential to revolutionize logistics and delivery operations by significantly enhancing efficiency and reducing costs.

	AMSE		MSERIO		RINSETU
Vehicle No	Capacity	Vehicle Path	Carrying Weight	Remaining Weight	Total Route Distance
VH008	1000	ORD010 → ORD015 → ORD024 → ORD008	999	1	646.24 km
VH005	400	ORD003	400	0	84.06 km
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	21/15/	2	MS		RMS
VH006	500	$ORD015 \rightarrow ORD014 \rightarrow ORD025$	420	80	210.16 km
VH004	600	ORD001	600	0	142.38 km
VH001	800	$ORD012 \rightarrow ORD021 \rightarrow ORD019$	800	0	801.60 km
VH003	1000	ORD009 → ORD016 →ORD005	990	10	323.75 km
VH002	1200	$\begin{array}{c} ORD002 \to ORD004 \to ORD013 \\ \to ORD027 \to ORD006 \end{array}$	1160	40	648.08 km
VH007	800	ORD011 → ORD007	760	40	114.04 km
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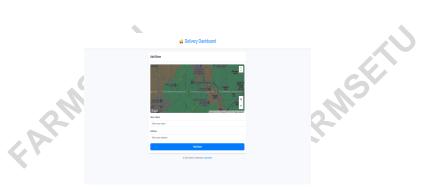


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		Optimized Routes			
		Total Deliveries: 17			
Solution	n by Greedy A	Ngorithm ( Distance: 1890.524 km)			
alopmort (		For development purposes of or		Was Napar	
Geogle					Course + Cou
Geogle Vehicle No	le Cepacity	Vehicle Pub	Corryles Weight	Remaining Weight	Total Route  Total Course  Total Course  Total Course
Gregita Vehicle No VH332	Capacity	Vehicle Path  Washington — ORD009 — ORD009 — Washingse	Corryling Weight	Remaining Weight	Total Rosts Distance 361.98 km
No.	8 1000			Weight	261.98 km 142.38 km
VH991 VH991 VH991	8 1000 4 600 1 800	Warehouse → ORD099 → ORD816 → ORD006 → Warehouse  Wasehouse → ORD881 → Warehouse  Wasehouse → ORD883 → ORD0015 → ORD814 → Warehouse	960 660 720	50 0 0	361.98 km 142.38 km 160.78 km
VH001	8 1000 4 600 1 800	Wavehouse — ORD009 — ORD016 — ORD0006 — Wavehouse  Wavehouse — ORD011 — Wavehouse  Wavehouse — ORD013 — ORD0015 — ORD014 — Wavehouse  Wavehouse — ORD005 — ORD0012 — Wavehouse	660 660	Weight 60	261.98 km 142.38 km
VH991 VH991 VH991	8 1000 4 660 1 860 3 1000	Warehouse → ORD099 → ORD916 → ORD006 → Warehouse  Warehouse → ORD991 → Warehouse  Warehouse → ORD993 → ORD0015 → ORD914 → Warehouse	960 660 720	50 0 0	361.98 km 142.38 km 160.78 km
VH931 VH931 VH931 VH931	8 1000 4 660 1 860 3 1000 2 1200	Warehouse → CR0009 → CR0916 → CR0006 → Warehouse     Warehouse → CR0981 → Warehouse     Warehouse → CR0983 → CR00015 → CR0914 → Warehouse     Warehouse → CR0983 → CR00015 → CR0914 → Warehouse     Warehouse → CR0005 ← CR0982 → CR0010 → CR0984 → CR0010 → CR001	660 660 720 1000	60 0 0 00 0	361.98 km 142.38 km 160.76 km 435.63 km





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Hi My name is Sumeet Shinde, Welcome to Smart\_Path\_Delivery Report

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