Traceability Matrix

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System Requirements

No.	Priority Weight (1–5)	Description
REQ1	5	Generate reports for admin users.
REQ2	5	Drivers can pay for parking securely.
REQ3	4	Drivers receive notifications about reservations.
REQ4	4	Parking agents can issue tickets.
REQ5	3	Parking agents can manage payment disputes.
REQ6	3	System calculates billing accurately.

Use Cases

No.	Role	Description
UC1	Admin	Generate reports on parking lot performance, revenue, and utilization.
UC2	Driver	Pay for parking securely through the system.
UC3	Driver	Receive notifications about reservations and updates.
UC4	Parking Agent	Issue tickets for parking violations.
UC5	Parking Agent	Manage payment disputes efficiently.
UC6	System	Automatically calculates billing for drivers based on usage.

Traceability Matrix

System Requirement ID	UC1	UC2	UC3	UC4	UC5	UC6	Max PW	Total PW
REQ1	✓						5	5
REQ2		✓					5	5
REQ3			✓				4	4
REQ4				✓			4	4
REQ5					✓		3	3
REQ6						✓	3	3