Comparison Table: Our Project **vs** Existing Airline Reservation Systems

Feature / Project	MdRubelRana	AgyeyaMishra	Studytonight	Code-Projects	AticleWorld	Algorithms/airline.c	rkamath1	mehulbhardwaj1609	Your Project (CSE 3100)
Platform	CLI (C)	CLI (C)	CLI (C)	CLI (C)	CLI (C)	CLI (C)	CLI (C++)	CLI (C)	CLI
Technology Stack	C	C	C	C	C	C	C/C++	C with Dijkstra	C / MySQL
Ticket Booking	✅	✅	✅	✅	✅	✅	✅	✅	✅
Cancel Reservation	❌	✅	✅	✅	✅	✅	✅	✅	✅
Passenger Management	✅	✅	✅	❌	❌	❌	❌	✅	✅
Flight Management	❌	✅	✅	❌	✅	❌	❌	✅	✅
Seat Allocation	✅	❌	✅	❌	❌	✅	❌	✅	✅
Search Ticket	✅	✅	❌	❌	❌	❌	❌	❌	✅
Modify Ticket Info	❌	✅	❌	❌	❌	❌	❌	❌	Planned
View All Bookings	✅	✅	✅	✅	✅	✅	❌	✅	✅
Report / Analytics	❌	❌	❌	❌	❌	❌	❌	❌	Planned
Special Features	Easy EXIT	Change Flight Rates	Seat Number Assignment	Simple Exit	Console-based	Seat Layout Display	C++ Integration	Dijkstra Route Finding	Easy EXIT
Scalability	Low	Low	Low	Low	Medium	Low	Medium	Medium	Low

Citations (IEEE Style)

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