

Train Management System

Overview :

This system efficiently manages all train operations and schedules. It displays complete details of each train, including travel time, arrival (reached) time, platform number, and train name. Users can easily access real-time information about train routes, departure and arrival schedules, platform assignments, and other essential train details. The system ensures passengers and management stay updated for a smooth and organized travel experience.

Basic Analysis:

1. Show details of passengers travelling under ticket no 4001

	passenger_id	pnr_no	age	gender	user_id	reservation_status	seat_number	name	ticket_id
	5001	78965	45	M	1701	C	B6-45	ramesh	4001
	NULL		NULL	NULL	NULL	NULL	NULL	NULL	NULL

2. display all those train no's which reach station no

	train_no	train_name	arrival_time	departure_time	availability_of_seat	date
▶	12315	cormandel exp	12:45:00	12:50:00	N	2017-04-10

3. display time at which train no- reaches station no

	train_no	station_no	time	name
▶	12315	111	05:35:00	vijayawada
	12711	222	04:00:00	tirupathi

4. display details of all those users who canceled tickets for train no-

	user_id	first_name	last_name	adhar_no	gender	age	mobile_no	email	city	state	pincode	_password	security_ques	security_ans
▶	1701	vijay	sharma	309887340843	M	34	9887786655	vijay1@gmail.com	vijayawada	andhrapradesh	520001	12345@#	favouritecolour	red

5. Show the train no with increasing order of the fares of class 1

	train_no	fare1	train_name
▶	12711	100	pinakiniexp
	12315	300	cormandel exp

6. display passenger details for train pinakini.

	passenger_id	pnr_no	age	gender	user_id	reservation_status	seat_number	name	ticket_id
▶	5001	78965	45	M	1701	C	B6-45	ramesh	4001

7. Display details of all those passengers whose status is confirmed for train no

	id	user_id	status	no_of_passengers	train_no
▶	4001	1701	C	1	12711
*	NULL	NULL	NULL	NULL	NULL

8. Retrieve unique train details for trains that start from Tirupati and stop at Vijayawada

	train_no	train_name	arrival_time	departure_time	availability_of_seat	date
▶	12315	cormandel exp	12:45:00	12:50:00	N	2017-04-10
	12711	pinakiniexp	11:30:00	11:40:00	A	2017-04-10

9. display the train no which haults for more time in station no

	train_no
▶	12711