

Database Structure / Schema Designing (Without Fields Given)

Contest No : 2

Last Date to Submit : July 20 , 2022 – 09:00 PM

Scenario: Bus Ticket Booking [Tamil Nadu – Year: 2021]

Identifying the required fields and creating database schema for the following scenario questions.

- Most traveled destination district.
- Most tickets are booked on which day of the week.
- Avg Ticket booked in a month.
- Avg Ticket booked in a year.
- No. tickets booked month-wise.
- List of districts
- Total distance traveled by all the buses in the month of January.
- The total number of tickets canceled in the year.
- Total passengers in the month of April.
- Name of the passenger who traveled/ booked in the year.
- Gender-wise ticket booked in the year.
- Fast ticket filling month of the year.

Rules

The following concepts have to be applied while designing the database

- 1.Autoincrement
- 2.Primary Key
- 3.Foreign key
- 4.Unique
- 5.Normalization

Any other additional concepts can also be applied and any other additional fields can be added to achieve maximum normalization.

Submission

The answer must be submitted as an **"Entity Relationship Diagram"** and to be mailed to **mentees@spotknack.com**