

About Bus Reservation System C# Project:

Basically four features are available in this project, but you can write your own code to add more features, and make this project even better. Here, I am going to briefly describe the features:

1. Install Bus Information

This feature allows you to install a typical bus information before it can be reserved by the passengers or shown in buses available. It includes the bus no., driver's name, arrival time, departure time and destination (from and to) of the bus.

2. Reservation

This feature is very simple; it includes the bus no., seat number and the passenger's name. The seat number of the particular bus is reserved under the passenger's name.

3. Show Reservation Information

With this feature, you can show all the information regarding the buses and their respective seats. It contains all the information stored by the previous two function of this project. It also enlists the no. of empty seats in a bus along with the seat number registered to a particular passenger. (Scroll down to view the output screen of this feature.)

4. Buses Available

This feature simply shows the buses available for reservation, and the information regarding the bus no. stored under the first feature.

You are encouraged to incorporate file handling in this project to store all the bus details, and make the project more effective and complete overall. This is a very simple project, published here just to show the implementation processes and techniques of class and object of the C# language.

Project Output Screenshots:

Install Bus Information

```
1.Install
2.Reservation
3.Show
4.Buses Available.
5.Exit
Enter your choice:-> 1
Enter bus no: 1
Enter Driver's name: Hari
Arrival time: 10:00
Departure: 3:00
From: Kathmandu
To: Butwal
```

Show Bus Reservation Information

```
1.Install
2.Reservation
3.Show
4.Buses Available.
5.Exit
Enter your choice:-> 3
Enter bus no: 1
*****
Bus no: 1
Driver: Hari Arrival time: 10:00 Departure time: 3:00
From: Kathmandu To: Butwal
*****
1. Empty 2. Empty 3. Empty 4. Empty
5. Pramesh 6. Empty 7. Empty 8. Empty
9. Empty 10. Empty 11. Empty 12. Empty
13. Empty 14. Empty 15. Empty 16. Empty
17. Empty 18. Empty 19. Empty 20. Empty
21. Empty 22. Empty 23. Empty 24. Empty
25. Empty 26. Empty 27. Empty 28. Empty
29. Empty 30. Empty 31. Empty 32. Empty
There are 31 seats empty in Bus No: 1
The seat no 5 is reserved for Pramesh.
```