



**College of Engineering**

**Department of Computer Science & Engineering**

# A Mini Project On “BUS RESERVATION SYSTEM”

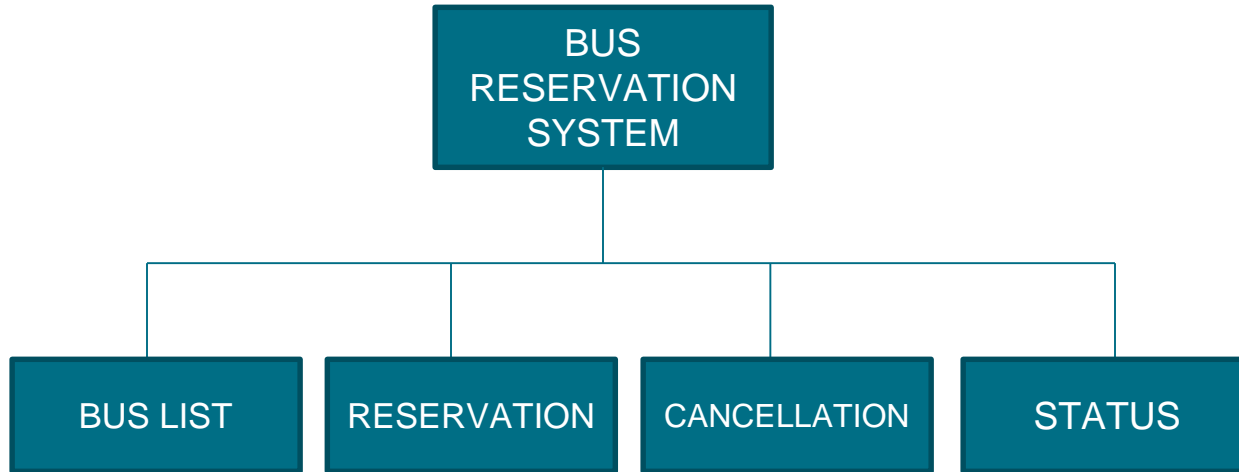
**PRESENTED BY:**

**YASH CHATURVEDI (1903480100128)**

# ABSTRACT

- This system is based on a concept to reserve bus tickets. From this system, the user can view bus list, book tickets, cancel bookings and check bus status board.
- While booking tickets, the user has to enter bus number then the system displays total bus seat numbers with passengers name and the user has to enter the number of tickets, seat number, and name of the person.
- Here, cancel booking also features refunding.
- Login system is also available in this system to make it more secure. There's no chance of data misuse or loss & it's not time-consuming.
- The whole project is developed in 'C' Programming language, different variables and strings have been used for the development of this project. It's easy to operate and understand by users.

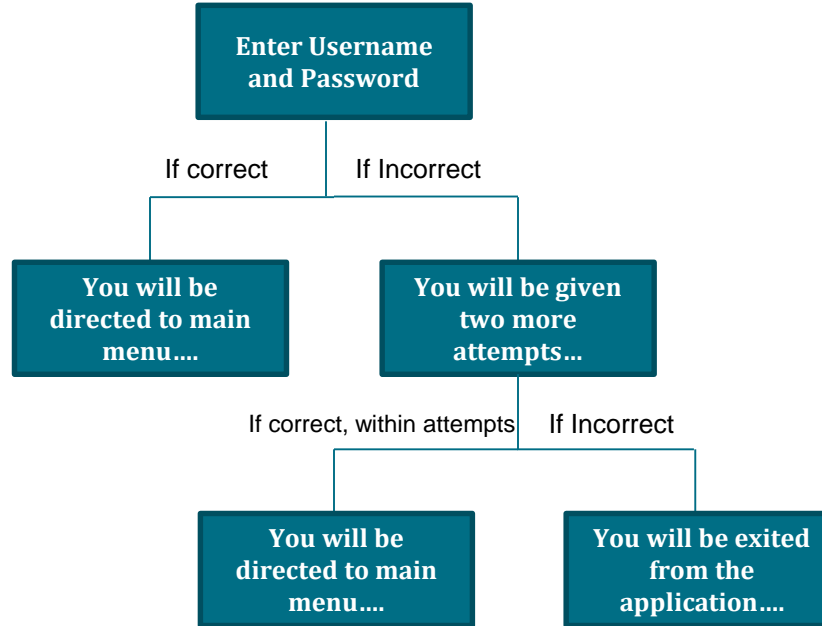
# FLOW OF SYSTEM



# CONCEPTS UTILIZED

- ☐ Files
- ☐ Loops
- ☐ Functions
- ☐ Array
- ☐ Strings

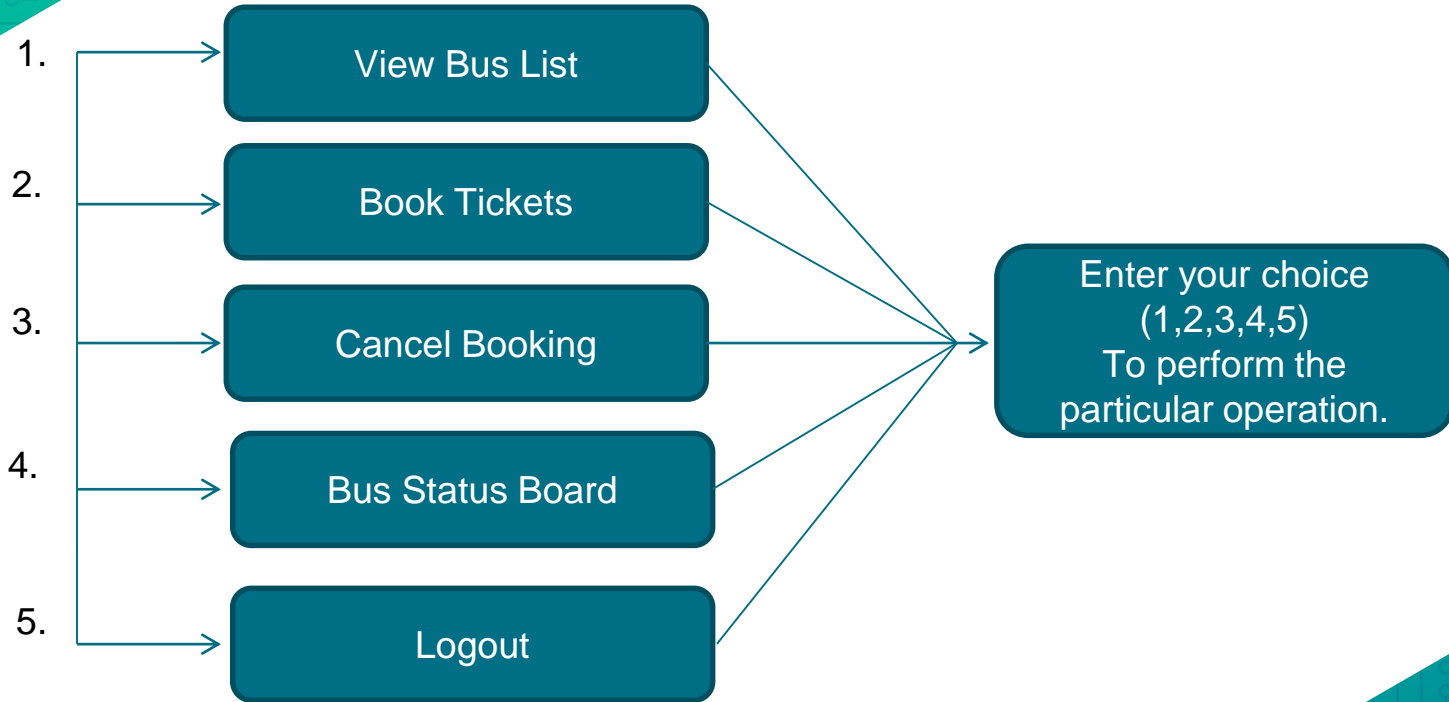
# LOGIN



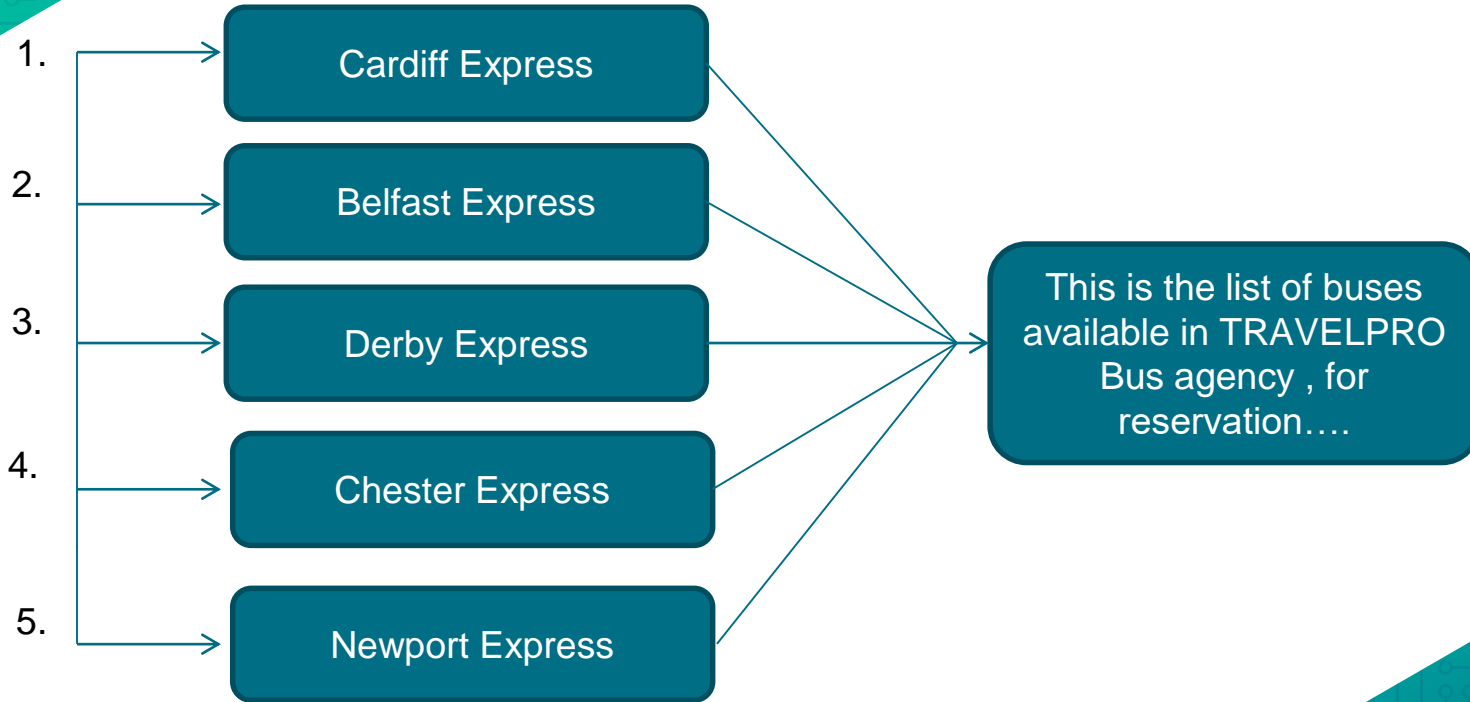


**IF LOGIN WAS SUCCESSFUL...**

# MAIN MENU

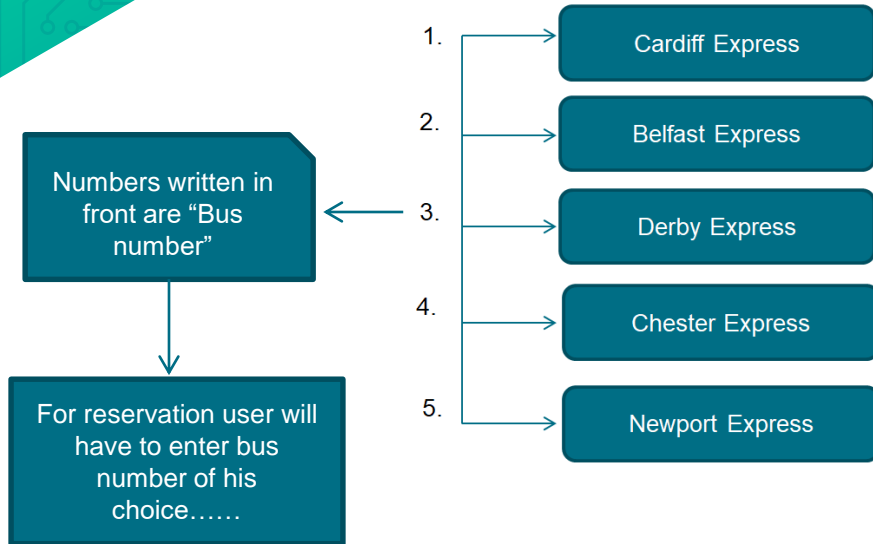


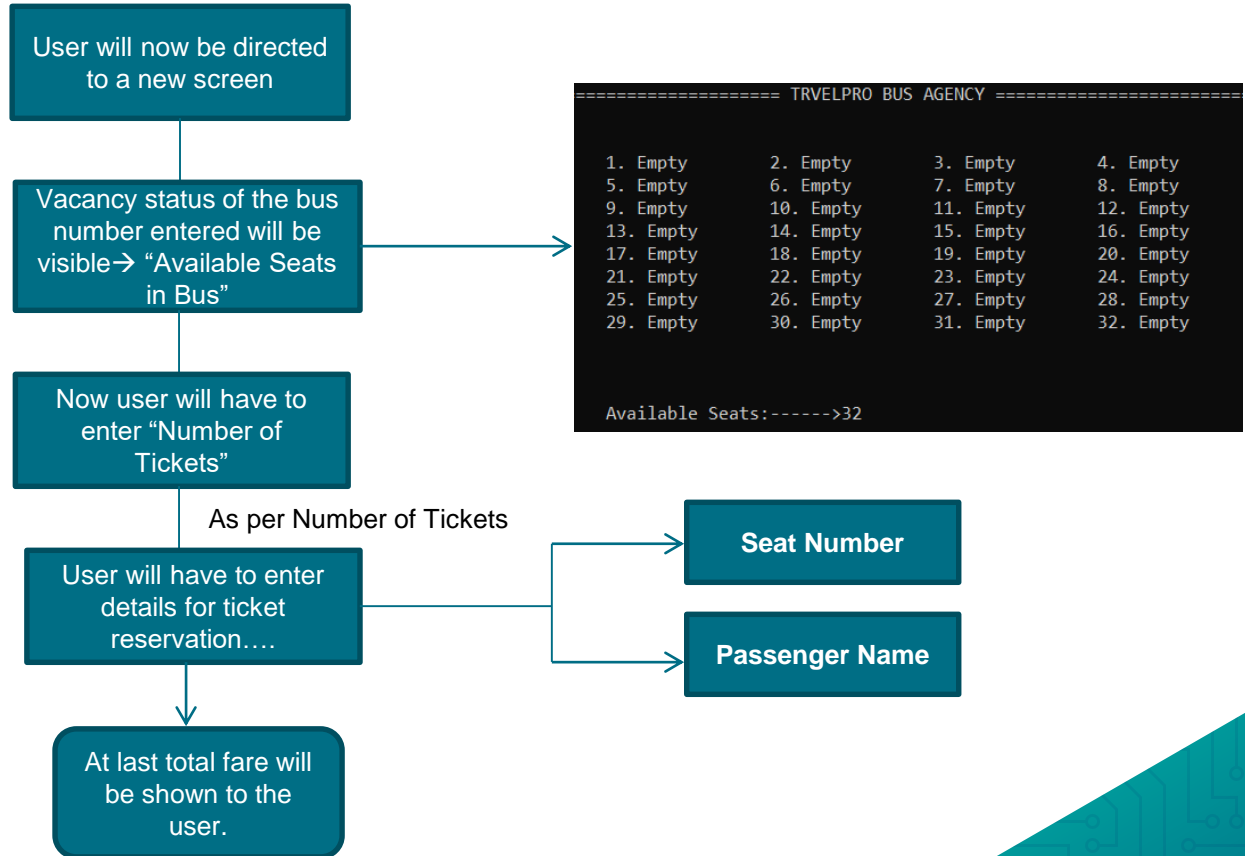
# IF CHOICE IS 1....



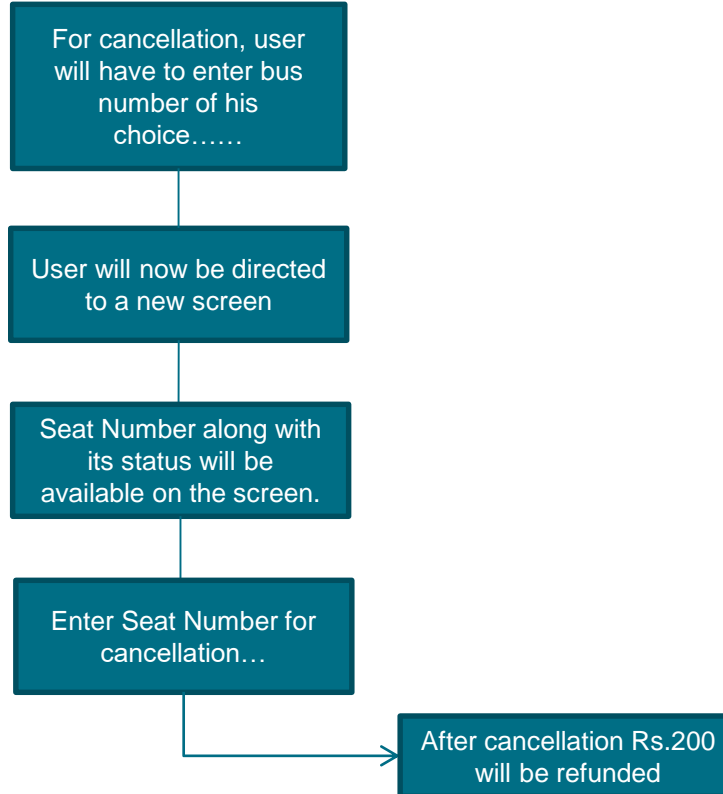


# IF CHOICE IS 2....





# IF CHOICE IS 3....



# IF CHOICE IS 4.....

User will now be directed  
to a new screen

User will have to enter  
the bus number

```
===== TRVLPRO BUS AGENCY =====  
  
Enter the number of bus:---->1  
  
Bus.no-->1---->Cardiff Express  
  
1. Empty    2. Empty    3. Empty    4. Empty  
5. Empty    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
```

# IF CHOICE IS 5....

User is Successfully logged out of the application.....



This message will be shown in the screen after successful logout.

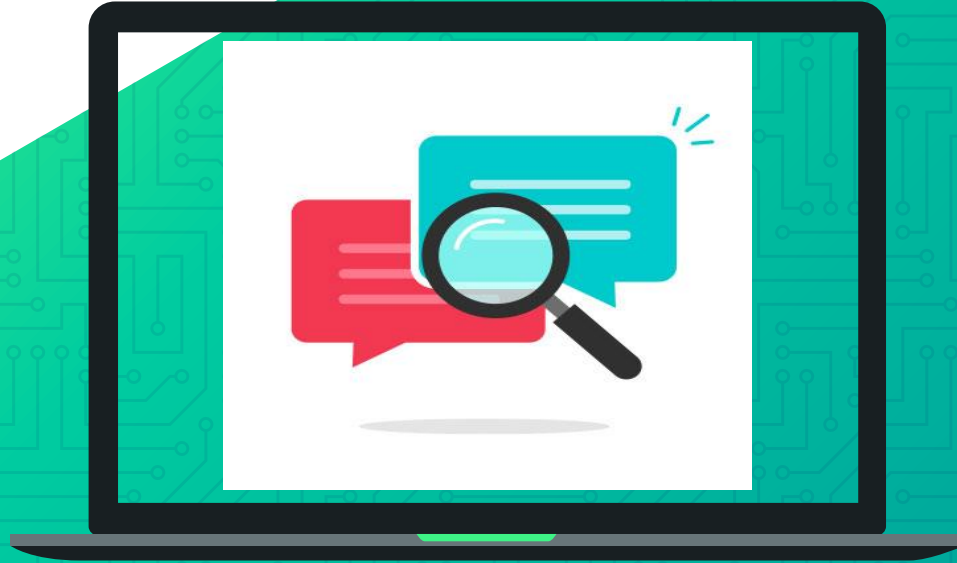
You have successfully logged out of TRAVELPRO.  
Thank you for using TRAVELPRO.

# CONCLUSION

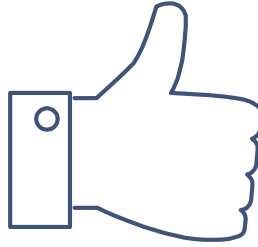


**This was an effort to develop a simple “Bus Reservation System” using which the user can view bus list, book tickets, cancel bookings and check bus status board. I do hope you find this project useful as well as interesting.**

# REFERENCES



- [projectnotes.org](https://projectnotes.org)
- [blog.eduonix.com](https://blog.eduonix.com)
- [codewithc.com](https://codewithc.com)
- P. S. Deshpandey, "C and Data structure", Wiley Dreamtech Publication
- Kanetkar Yashavant P., "Let Us C", BPB Publications



# THANKS!

*Any questions?*