



Dr. Vishwanath Karad
**MIT WORLD PEACE
UNIVERSITY** | PUNE
TECHNOLOGY, RESEARCH, SOCIAL INNOVATION & PARTNERSHIPS

Bus Reservation System

OOPS GROUP PROJECT

MADE BY:-ROHAN HABU PC15

ROHIL NATARAJ PC16

VISHAL SINGH PC28

UNDER GUIDANCE OF

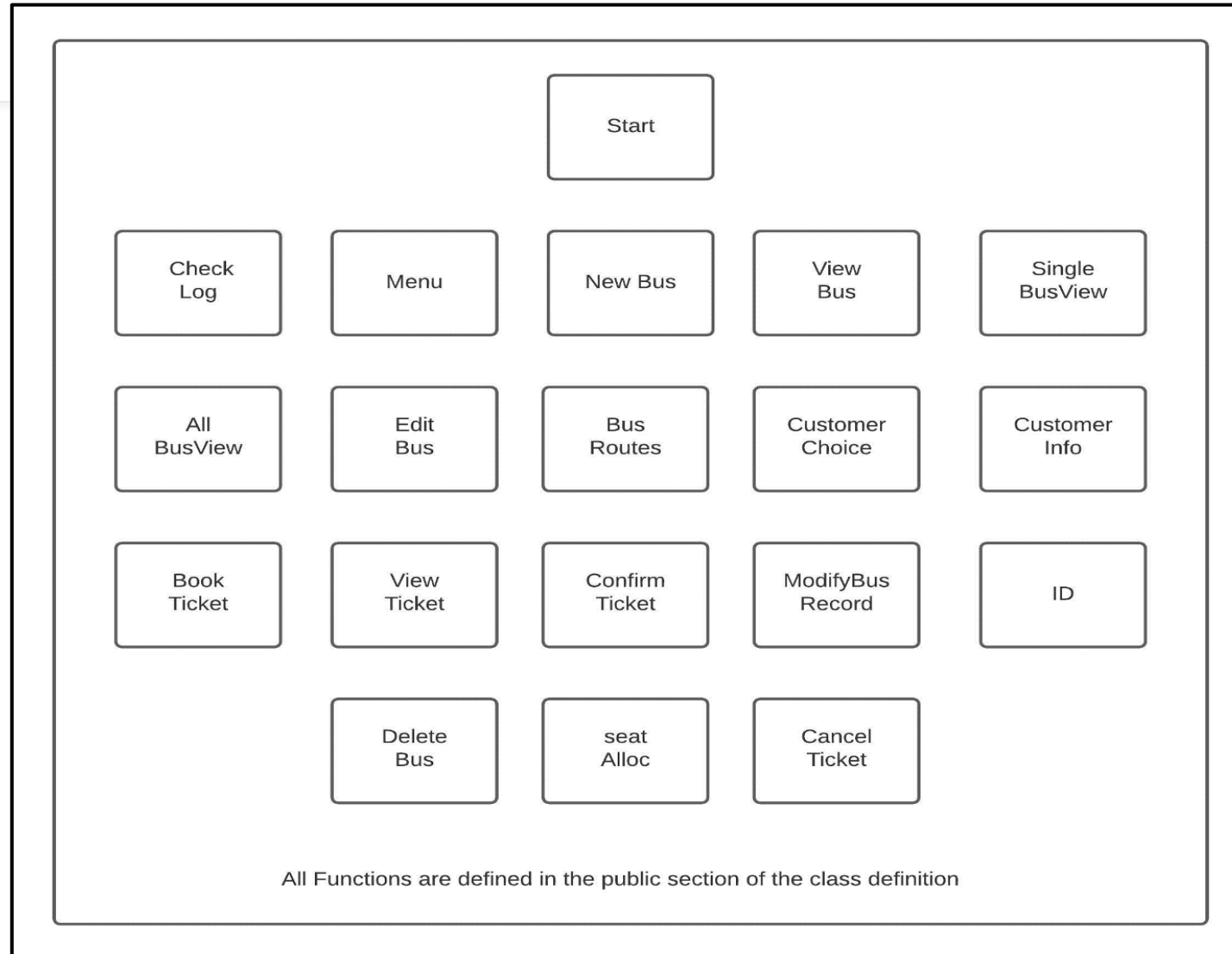
MRS MRUNAL ANNADATTE



AIM:-**To make ticket booking system for buses.**

- Objective:
 - Language used: C++.
 - Paradigm: Object Oriented.
 - Model: Based on class concept.
 - Editor used: Visual Studio Code

Class Diagram



Working

- Class Bus.
- Variables to store dynamic data.
- Member functions.
- Start() function called from main().

```
//#include necessary header files
using namespace std;
class Bus{
//Definition
void Start(){
//Definition
}
};
int main(void){
Bus b;
b.Start();
return 0;
}
```

Options Available

- Admin

- Add bus
- Delete bus
- Edit bus
- Bus routes
- View buses
- Logout
- Exit

- Customer

- Book Ticket
- View Ticket
- Cancel Ticket
- Go Back

File handling

Files are created on the HDD and the information is stored there.

Application is executed previous data is accessible and safely stored.

Duplication of data is avoided



Applications

Government and private bus services

Can be modified by changing the vehicle type like from bus to cars or vans for different cab booking services.

Booking system for cinema hall , railway management etc

Conclusion



Convenient for bus management service.



Management of customers is easier.



Service would be delivered efficiently.

References

- www.javapoint.com
- www.tutorialspoint.com
- www.geeksforgeeks.com