

SPAPK PROJECT 01 : Travel Booking System

C++ Based Project on Booking Management System

Team Name: Tech Squad

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Project Goal

- Create, update, and delete bookings
- Store all data in a file (bookings.txt)
- Manage bookings using C++ class

Project Explanation

- Each booking includes:
 - - Passenger Name
 - - Phone Number
 - - Destination
 - - Seat Number
 - - Booking ID
- All bookings are stored in a file

Tasks Performed

- Add a new booking (with validation)
- Edit existing booking (by ID)
- Cancel booking (by ID)
- Display all bookings

Code Highlights

- Class: Booking
- Key functions:
 - - inputDetails(), saveToFile()
 - - editBooking(), cancelBooking()
- Validation for name, age, phone number, destination

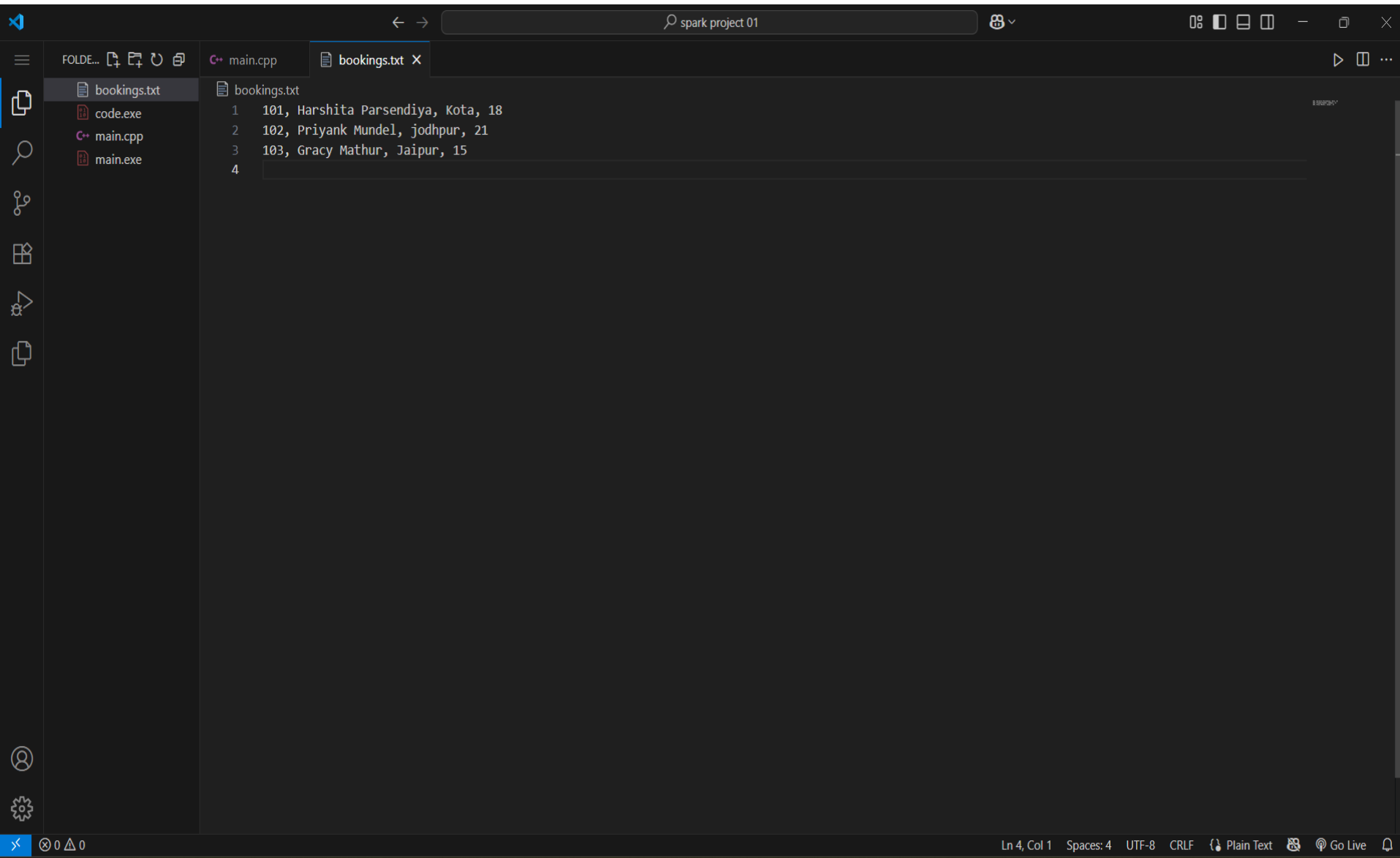
File Handling

- Bookings stored in bookings.txt
- Edit/Delete using temp.txt as intermediate file
- Read/write with fstream (ifstream/ofstream)

Sample Booking Data

- 101, Harshita Parsendiya, Kota, 18
- 102, Priyank Mundel, jodhpur, 21
- 103, Gracy Mathur, Jaipur, 15
- (Each line: BookingID, Name, Destination, SeatNo)

Screenshot Sample Booking Data



Conclusion

- Learnt C++ basics, file handling, OOPs
- Created a real-world console application
- Can be extended to GUI or web app in future