

**SEMESTER PROJECT (Object Oriented Programming Lab) Fall- 2023**

TITLE: Computer Brand Shop

**Submitted by:**

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**Section:** A

**Subject Code:** **216L**

**Course Title:** **Object Oriented Programming**

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**Department** Of **CIS**, **DIU**

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**Submitted to:**

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**Designation:** Lecturer

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Submission date 19nd November, 2023

**Introduction**

**Project code github link:**

**Conclusion**

In conclusion, the Bash script presents a basic Bus Reservation System that allows user registration, login, ticket booking, status checks, and cancellations. It utilizes data structures for managing bus seat availability and user credentials, with corresponding data stored in text files. The code includes a simulated payment process and confirmation email. While serving as a functional example of a reservation system, it requires substantial improvements for production use, including enhanced security, data validation, and comprehensive error handling. Nevertheless, it offers a fundamental understanding of a reservation system's core components, serving as a valuable starting point for more robust implementations.

**Reference**

I have collected my project idea from this website: <https://www.geeksforgeeks.org/bus-reservation-system-in-c/>

**THANK YOU FOR YOUR PATIENCE**