SKIPS University – School of Computer Science
Master of Science – Information Technology
Semester-I; Batch 2024- 26
Project List

Course Code   : **SOCS010101**
Course Title : Building Blocks of Programming
Credit Hours :
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Topic/ Sub Topic
1. **Telephone Directory** – Store, search, and update contact details.
2. **Library Management System** – Add, delete, and search books in a file.
3. **Student Report Card Generator** – Input student marks, calculate grades, and store in a file.
4. **Employee Payroll System** – Calculate salary based on hours worked and save to file.
5. **Hospital Management System** – Maintain patient records with admission and discharge dates.
6. **Bank Account Management** – Create, update, and delete bank account information.
7. **Simple ATM Simulator** – Simulate withdrawals, deposits, and balance checks using file operations.
8. **Inventory Management System** – Track product stock, prices, and orders.
9. **Voting System** – Store user votes and display results.
10. **Quiz Game** – Store quiz questions in a file and keep track of scores.
11. **Bookstore Management System** – Manage book inventory and customer purchases.
12. **Flight Reservation System** – Book, cancel, and manage flight reservations.
13. **Hotel Booking System** – Keep track of room reservations and customer details.
14. **Parking Management System** – Store vehicle information and calculate charges.
15. **Bus Ticket Reservation** – Reserve and cancel bus tickets, and store details in files.
16. **Electricity Billing System** – Calculate and store electricity usage and billing amounts.
17. **Simple File-Based Text Editor** – Open, edit, and save text files.
18. **Shopping Cart System** – Add, remove, and display items in a shopping cart.
19. **Movie Ticket Booking System** – Book movie tickets and keep records of customers.
20. **Medical Store Management** – Manage medicine stock, sales, and purchase orders.
21. **Personal Budget Planner-** Allow users to set budgets, track expenses, and provide analysis saved in files.
22. **Digital Diary -** Allow users to write, edit, and save daily journal entries in files.
23. **Expense Tracker-** Input daily expenses, categorize them, and generate monthly reports using files.
24. **Car Rental System-** Manage car details, rental duration, and payment information in files.
25. **Recipe Management System-** Store, update, and search for recipes with ingredients and steps in files.