

## **Local Event Booking System**

### **Feature 1: Event menu, Event code selection, Ticket quantity input, Validation, and Extras selection:**

Show different event categories (concerts, sports, workshops) with their base prices & Take input for event codes (For example, "C" for concert). Allow purchase of maximum n tickets per event. Check whether the entered event code and ticket quantity are valid using a validation module that displays appropriate error messages. Allow selection of add-ons (parking, merchandise, VIP upgrade).

### **Feature 2: Multi-event Booking:**

Allow users to select and store multiple different events and their ticket quantities in an array before proceeding to a combined billing module.

### **Feature 3: Ticket Cancellation/ Modify Cart**

Remove an event from the stored array, change ticket quantity, change extras

### **Feature 4: Booking Summary Preview:**

Display a summary of all selected events, ticket quantities, and extras for user confirmation before generating the final bill.

### **Feature 5: Calculate & show total bill, Group discount application and Coupon code redemption:**

Based on event type, quantity, and extras & Display itemized bill with discount applied, Apply 15% discount for 3+ tickets. and Allow entering coupon codes for additional discount.

### **Feature 6: Admin Mode (Password protected)**

Change base prices, max ticket limit, update coupon discount values. Password check: Ask for a 4 character key- compare byte by byte.