**Assignment Title:**

"Guest List Management System – Real-Time Application using ArrayList"

**Problem Statement:**

You are developing a system to manage the **guest list** for a wedding event. The host should be able to add, remove, update, and search for guest names dynamically. Your system should allow all such operations through a **menu-driven Java program** using ArrayList and Scanner.

**Functional Requirements (Menu Options):**

Create a menu-based console application with the following options:

1. **Add Guest**
   * Add a guest name to the list (String).
2. **Remove Guest by Name**
   * Remove a guest by their name.
3. **Update Guest Name**
   * Replace an old name with a new one.
4. **Search Guest by Name**
   * Check if a guest is invited (exists in the list).
5. **Get Total Number of Guests**
   * Display the total count of guests.
6. **Display All Guests**
   * List all the guest names.
7. **Insert Guest at Specific Position**
   * Insert a guest at a specific index.
8. **Remove Guest by Position**
   * Remove a guest by index number.
9. **Sort Guest List Alphabetically**
   * Sort the names in ascending order.
10. **Clear Guest List**

* Remove all guests from the list.

1. **Exit the Application**