**Event Planner System**

Designing a comprehensive event planner system requires careful consideration of various aspects to ensure it meets the needs of users. Below is a detailed list of **requirements** for an event planner system catering to parties (wedding, birthday, etc..), and workshops:

**User Management:**

* 1. Registration and login functionality for all users, admin, and service provider.
  2. User profiles allowing organizers to manage their events and participants to register for events.

**Event Creation and Management**

* 1. Event Creation and Management (add, delete, edit):
  2. Ability for organizers to create new events specifying details such as date, time, location, theme, and description, attendee count and managing guest lists.
  3. Different event categories (party (e.g. birthday, wedding), workshop) with specific fields tailored to each category.
  4. Options to add images, videos, or other media related to the event.

**Venue /place Management:**

* 1. Integration with venue booking systems to check availability and reserve venues for events.
  2. Facility for organizers to add new venues, including details like capacity, amenities, and pricing.

**Service provider (Organizer/Vendor) Management:**

* 1. Database of vendors for catering, decorations, entertainment, etc., categorized by type and service.
  2. Ability to search and filter vendors based on location, availability, pricing, and reviews.
  3. Option to request package, negotiate contracts, and manage vendor bookings.

**Budgeting and Finance:**

* 1. Budget planning module for organizers to estimate and track expenses for each event.
  2. Expense tracking and categorization, including vendor payments, venue rental fees, and miscellaneous costs.
  3. Calendar and Scheduling:
  4. Calendar view displaying upcoming events and important dates.
  5. Scheduling tools to coordinate tasks, deadlines, and appointments related to event planning.
  6. Reminders and notifications for organizers and participants about upcoming events, deadlines, and tasks.

**Communication and Collaboration: (OPTIONAL / EXTRA CREDIT) \*\*\*\*\***

* 1. Messaging system (via email) for direct communication between organizers, participants, and vendors.
  2. Ticketing and Registration:
     1. E-ticket generation

GUI: Feel free to choose any GUI (Command line or visual interface)

Sample example on Command line interface:

Roles: Admin/user/service provider dashboard

Enter username: …

Enter Password:\*\*\*

Good luck