**PROJECT DEVELOPMENT PHASE**

**FUNCTIONAL FEATURES**

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| **Date** | **03 NOVEMBER 2023** |
| **Team ID** | **NM2023TMID04681** |
| **Project name** | **BUILD AN EVENT MANAGEMENT SYSTEM** |

The number and specific functional features included in an EVENT MANAGEMENT SYSTEM can vary depending on the complexity and scope of the project. Below, I'll provide a list of common functional features that can be included in an EVENT MANAGEMENT SYSTEM:

**Event Creation and Management:**

- Allow event organizers to create and manage events, including setting event details, dates, times, and descriptions.

**Online Registration and Ticketing:**

- Enable attendees to register for events online, purchase tickets, and receive e-tickets or QR codes.

**User Authentication and Profiles:**

- Implement user accounts with authentication, allowing attendees and organizers to create profiles, manage event details, and view their event history.

**Event Promotion and Marketing:**

- Support event promotion through email marketing, social media sharing, and personalized event recommendations.

**Venue Management:**

- Provide tools for managing venue information, seating arrangements, and capacity.

**Real-time Updates:**

- Offer real-time updates and notifications for event changes, cancellations, or important announcements.

**Payment Processing:**

- Integrate payment gateways for processing ticket sales, sponsorships, and other financial transactions securely.

**Event Agenda and Schedule:**

- Display event agendas, schedules, and session details, including speaker information.

**Session and Speaker Management:**

- Allow event organizers to manage individual sessions, workshops, and speaker profiles.

**Feedback and Surveys:**

- Collect post-event feedback through surveys and ratings, helping organizers improve future events.

**Sponsorship and Exhibitor Management:**

- Support sponsors and exhibitors with profiles, promotional materials, and booth assignments.

**Networking and Matchmaking:**

- Enable attendees to connect with each other and schedule meetings, promoting networking opportunities.

**Interactive Maps and Floor Plans:**

- Display interactive maps and floor plans to help attendees navigate the event venue.

**Live Streaming and On-demand Content:**

- Stream live events and offer on-demand access to recorded content for remote attendees.

**Event Analytics:**

- Provide event organizers with data and analytics on attendee engagement, ticket sales, and user behavior.

**Chat and Messaging:**

- Facilitate real-time communication among attendees, speakers, and organizers during the event.

**Accessibility Features:**

- Ensure accessibility features for individuals with disabilities, such as closed captioning, sign language interpreters, and accessible venues.

**Multi-language Support:**

- Support multiple languages for events with international audiences.

**Customization and Branding:**

- Allow event organizers to customize the look and feel of event pages to match their branding.

**Security and Privacy Controls:**

- Implement robust security measures to protect user data and ensure compliance with privacy regulations.

**QR Code Check-in:**

- Enable event organizers to check-in attendees using QR codes for quick and efficient entry.

The specific features to include in the EVENT MANAGEMENT SYSTEM should align with the needs of your target audience, the type of events you plan to support, and the goals of event organizers and attendees. Additionally, it's essential to prioritize features, keeping the user experience in mind, and continually seek feedback for improvements.