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| |  |  | | --- | --- | | **Group 15** | | |  |  | | Yashaswani Naga Parnika Jonnalagadda | 002200684 | | Harshika Golkonda | 002831235 | | Sharan Kumar Prabhakaran | 002831828 | | Santosh Rayana | 002615054 |   **Event Management System** |

### Updated ER Diagram:

In the P2 document, we outlined various entities crucial for effective event management. Attendees are identified by unique IDs and names, with Organizers tasked with event coordination. Events, associated with Organizers and Venues, are categorized. Attendees register for events, monitored through Registrations and Tickets, and offer Feedback for improvement. Sessions, led by Speakers, enhance event experiences. Each entity, from Attendees to Service Providers, plays a role in ensuring seamless event execution, enhancing both organization and attendee satisfaction.

In P3, we refined the ER diagram with the following adjustments:

1. Adjusted the relationship between event category and event to a Many-to-One relationship.
2. Established the Registration entity as an Associative entity.
3. Altered the relationship between registration and ticket to Many-to-One.
4. Consolidated the Speaker Profile entity and Event Speaker entity into a single entity.
5. Modified the relationship between venue and event to at least one/many.
6. Removed the payment status from the Attendee entity and added a Boolean attribute 'payment Status' in the Registration entity.
7. Corrected data types at various places.
8. Verified ERD to avoid multi-valued attributes.
9. Eliminated composite attributes.
10. Normalized the initial ER diagram to 3NF.