Relational Schema

M Abdullah Nadeem

Ayaan Faisal

Salar Khan

Database Schema

1. User

- **UserID** (Primary Key)

- Username

- Password

- Email

- Name

- ContactNumber

- Role

- **JudgeID** (Foreign Key references Judge)

2. Event

- **EventID** (Primary Key)

- EventName

- Description

- Rules

- MaxParticipants

- RegistrationFee

- DateTime

- Category

- **VenueID** (Foreign Key references Venue)

3. Team

- **TeamID** (Primary Key)

- TeamName

- **EventID** (Foreign Key references Event)

4. Participant

- **ParticipantID** (Primary Key)
- **UserID** (Foreign Key references User)
- **TeamID** (Foreign Key references Team)
- OrganizationID

5. Venue

- **VenueID** (Primary Key)
- VenueName
- Location
- Capacity
- Type

6. Registration

- **RegistrationID** (Primary Key)
- **EventID** (Foreign Key references Event)
- **ParticipantID** (Foreign Key references Participant)
- RegistrationDate
- PaymentStatus

7. Sponsor

- **SponsorID** (Primary Key)
- CompanyName
- **UserID** (Foreign Key references User)
- SponsorType

8. Sponsorship

- **SponsorshipID** (Primary Key)
- **SponsorID** (Foreign Key references Sponsor)
- **EventID** (Foreign Key references Event)
- Amount
- ContractDate

- PaymentStatus

9. Accommodation

- **AccommodationID** (Primary Key)

- Capacity

- Cost

- Location

- AvailabilityStatus

10. AccommodationAssignment

- **AssignmentID** (Primary Key)

- **AccommodationID** (Foreign Key references Accommodation)

- **ParticipantID** (Foreign Key references Participant)

- CheckInDate

- CheckOutDate

11. Payment

- **PaymentID** (Primary Key)

- **UserID** (Foreign Key references User)

- PartnerID

- Amount

- PaymentType

- ReferenceNo

12. Judge

- **JudgeID** (Primary Key)

- **UserID** (Foreign Key references User)

13. Score

- **ScoreID** (Primary Key)

- **EventID** (Foreign Key references Event)

- **ParticipantID** (Foreign Key references Participant)

- **JudgeID** (Foreign Key references Judge)

- ScoreValue

- Criteria

Formatting Tips for Word

1. **Headings**: Use **bold** for table names (e.g., **User**).

2. **Keys**:

   o Underline **Primary Keys** (e.g., <u>UserID</u>).

   o Add (FK) next to **Foreign Keys** (e.g., JudgeID (FK)).

3. **Lists**: Use bullet points or numbered lists for attributes.

4. **Colors (Optional)**:

   o Highlight Primary Keys in **blue**.

   o Highlight Foreign Keys in **green**.