

Expanded Entity Relationship Diagram (ERD) — University Events & Workshops System

User

Column	Data Type
UserId	Unique Identifier (GUID)
FullName	Text
Email	Text
Role	Choice (Admin, Lecturer, Student)
DepartmentId	Lookup (Department)
Active	Yes/No
CreatedOn	DateTime

Lecturer

Column	Data Type
LecturerId	Unique Identifier (GUID)
UserPrincipalName	Text (email)
FullName	Text
Department	Text
Phone	Text (optional)

Student

Column	Data Type
StudentId	Unique Identifier (GUID)
UserPrincipalName	Text (email)
FullName	Text
MatricNumber	Text (optional)
Department	Text

Workshop

Column	Data Type
WorkshopId	Unique Identifier (GUID)
Title	Text
Description	Multi-line Text

Category	Choice (Academic, Technical, Personal Development, etc.)
CreatedBy_LecturerId	Lookup (Lecturer)
CreatedOn	DateTime
Status	Choice (Active, Inactive)

Location

Column	Data Type
LocationId	Unique Identifier (GUID)
Name	Text
Type	Choice (Classroom, Auditorium, Lab, Online)
Capacity	Integer
Address	Text
AvailabilityStatus	Choice (Available, Booked, Maintenance)

Event

Column	Data Type
EventId	Unique Identifier (GUID)
WorkshopId	Lookup (Workshop)
Title	Text
Description	Multi-line Text
StartDateTime	DateTime
EndDateTime	DateTime
LocationId	Lookup (Location)
CreatedBy_UserId	Lookup (User)
MaxAttendees	Integer
Status	Choice (Draft, Published, Cancelled)
Visibility	Choice (Public, DepartmentOnly, InviteOnly)
CreatedOn	DateTime

Registration

Column	Data Type
RegistrationId	Unique Identifier (GUID)
EventId	Lookup to Event
StudentId	Lookup to Student
RegisteredOn	DateTime
Status	Option Set (Registered, Cancelled, Waitlisted)

Attendance	Option Set (Attended, Absent, Not Recorded)
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Department

Column	Data Type
DepartmentId	GUID
Name	Text
HeadOfDepartment	Lookup to Lecturer

NotificationLog

Column	Data Type
NotificationId	GUID
RegistrationId	Lookup to Registration
EventId	Lookup to Event
RecipientEmail	Text
NotificationType	Option Set (Confirmation, Update, Cancellation)
SentOn	DateTime
Status	Option Set (Sent, Failed)

Updated Relationships

User (1) — (M) Event User (1) — (M) Workshop Workshop (1) — (M) Event Location (1) — (M) Event Event (1) — (M) Registration Student (1) — (M) Registration Department (1) — (M) User Department (1) — (M) Workshop