

User Schema

Before	After
UserID (int, PK)	clerkId (unique identifier)
Name (string)	firstName (string)
	lastName (string)
Email (string)	email (unique, required)
Password (string)	password handled by clerk
Role (string)	role (defines access level)
	photo (URL, required)

Event Schema

Before	After
EventID (int, PK)	_id (ObjectId)
Title (string)	title (mandatory)
Description (string)	description (optional)
Date (datetime)	createdAt (timestamp)
	startDateTime (defaults to now)
	endDateTime (defaults to now)
Location (string)	location (optional)
	imageUrl (URL, required)
	price (cost)
	isFree (boolean, defaults to false)
	url (optional)
	category (reference to Category model)

Before	After
UserID (Foreign Key)	organizer (reference to User model)
	participants (array of references to User model)

Task Schema

Before	After
TaskID (int, PK)	_id (ObjectId)
Title (string)	title (mandatory)
Description (string)	description (optional)
Status (string)	completed (boolean, defaults to false)
Deadline (datetime)	deadline (required)
EventID (Foreign Key)	event (reference to Event model)
AssigneeID (Foreign Key)	assignee (optional reference to User model)
	creator (reference to User model)

Participant Schema

Before	After
ParticipantID (int, PK)	participants (array of references to User model within Event schema)
UserID (Foreign Key)	
EventID (Foreign Key)	
Role (string)	

Category Schema (New)

Before	After
	name (required, unique)