

Database Schema

1. Users Table

No.	Field Name	Data Type	Size	Constraints	Description
1	UserID	INT		AUTO_INCREMENT, PRIMARY KEY	Unique identifier for each user.
2	Username	VARCHAR	50	UNIQUE, NOT NULL	Unique username for login.
3	PasswordHash	VARCHAR	255	NOT NULL	Hashed password for security.
4	Email	VARCHAR	100	UNIQUE, NOT NULL	Unique email address for each user.
5	Role	ENUM		('Couple', 'Wedding Planner', 'Vendor', 'Administrator')	Role of the user in the system.
6	Status	ENUM		('Active', 'Deleted') NOT NULL DEFAULT 'Active'	Current status of the user account.
7	CreatedAt	DATETIME		NOT NULL DEFAULT CURRENT_TIMESTAMP	Timestamp when the user account was created.
8	UpdatedAt	DATETIME		NOT NULL DEFAULT CURRENT_TIMESTAMP ON UPDATE CURRENT_TIMESTAMP	Timestamp of the last update to the user account.

2. Couples Table

No.	Field Name	Data Type	Size	Constraints	Description
1	CoupleID	INT		AUTO_INCREMENT, PRIMARY KEY	Unique identifier for each couple.
2	UserID	INT		FOREIGN KEY REFERENCES Users(UserID) ON DELETE CASCADE	Link to the user's account.
3	FullName	VARCHAR	100	NOT NULL	Full name of the couple.
4	WeddingDate	DATE		NOT NULL	Date of the wedding.
5	ContactNumber	VARCHAR	20		Contact number for the couple.

3. WeddingPlanners Table

No.	Field Name	Data Type	Size	Constraints	Description
1	PlannerID	INT		AUTO_INCREMENT, PRIMARY KEY	Unique identifier for each wedding planner.
2	UserID	INT		FOREIGN KEY REFERENCES Users(UserID) ON DELETE CASCADE	Link to the user's account.
3	CompanyName	VARCHAR	100	NOT NULL	Name of the wedding planner's company.
4	ContactNumber	VARCHAR	20		Contact number for the wedding planner.
5	Bio	TEXT			Biography or description of the planner's services.
6	AvailabilityStatus	ENUM		('Available', 'Busy', 'Not Available') NOT NULL	Current availability status of the planner.

4. Vendors Table

No.	Field Name	Data Type	Size	Constraints	Description
1	VendorID	INT		AUTO_INCREMENT, PRIMARY KEY	Unique identifier for each vendor.
2	UserID	INT		FOREIGN KEY REFERENCES Users(UserID) ON DELETE CASCADE	Link to the user's account.
3	CompanyName	VARCHAR	100	NOT NULL	Name of the vendor's company.
4	ServiceType	ENUM		('Venue', 'Catering', 'Makeup', 'Decor', 'Other') NOT NULL	Type of service provided by the vendor.
5	Description	TEXT			Description of the vendor's offerings.
6	PriceRange	VARCHAR	50		Price range of services offered.
7	Availability	ENUM		('Available', 'Booked', 'Not Available') NOT NULL	Current availability status of the vendor.
8	ContactNumber	VARCHAR	20		Contact number for the vendor.

5. Venues Table

No.	Field Name	Data Type	Size	Constraints	Description
1	VenueID	INT		AUTO_INCREMENT, PRIMARY KEY	Unique identifier for each venue.
2	VendorID	INT		FOREIGN KEY REFERENCES Vendors(VendorID) ON DELETE CASCADE	Link to the vendor providing the venue.
3	Location	VARCHAR	255	NOT NULL	Physical location of the venue.
4	Capacity	INT		NOT NULL	Maximum number of guests the venue can accommodate.
5	Price	DECIMAL	10,2	NOT NULL	Price of booking the venue.
6	Availability	ENUM		('Available', 'Booked', 'Not Available') NOT NULL	Current availability status of the venue.
7	Description	TEXT			Description of the venue's features and amenities.

6. CateringOptions Table

No.	Field Name	Data Type	Size	Constraints	Description
1	CateringID	INT		AUTO_INCREMENT, PRIMARY KEY	Unique identifier for each catering option.
2	VendorID	INT		FOREIGN KEY REFERENCES Vendors(VendorID) ON DELETE CASCADE	Link to the vendor providing catering services.
3	MenuOptions	TEXT		NOT NULL	Details of the menu options available.
4	PriceRange	VARCHAR	50	NOT NULL	Price range of the catering services.
5	Availability	ENUM		('Available', 'Booked', 'Not Available') NOT NULL	Current availability status of the catering services.
6	Description	TEXT			Description of the catering options.

7. GuestLists Table

No.	Field Name	Data Type	Size	Constraints	Description
1	GuestListID	INT		AUTO_INCREMENT, PRIMARY KEY	Unique identifier for each guest entry.
2	CoupleID	INT		FOREIGN KEY REFERENCES Couples(CoupleID) ON DELETE CASCADE	Link to the couple hosting the wedding.
3	GuestName	VARCHAR	100	NOT NULL	Name of the guest.
4	RSVPStatus	ENUM		('Accepted', 'Declined', 'Pending') NOT NULL	RSVP status of the guest.
5	SeatingAssignment	VARCHAR	100		Seating arrangement for the guest.

8. Tasks Table

No.	Field Name	Data Type	Size	Constraints	Description
1	TaskID	INT		AUTO_INCREMENT, PRIMARY KEY	Unique identifier for each task.
2	CoupleID	INT		FOREIGN KEY REFERENCES Couples(CoupleID) ON DELETE CASCADE	Link to the couple planning the task.
3	TaskName	VARCHAR	100	NOT NULL	Description or name of the task.
4	DueDate	DATE		NOT NULL	Due date for the task.
5	Status	ENUM		('Not Started', 'In Progress', 'Completed') NOT NULL	Current status of the task.

9. EInvites Table

No.	Field Name	Data Type	Size	Constraints	Description
1	InviteID	INT		AUTO_INCREMENT, PRIMARY KEY	Unique identifier for each electronic invite.
2	CoupleID	INT		FOREIGN KEY REFERENCES Couples(CoupleID) ON DELETE CASCADE	Link to the couple sending the invite.
3	InviteName	VARCHAR	100	NOT NULL	Name or title of the invite.
4	SentDate	DATE			Date when the invite was sent.
5	Status	ENUM		('Sent', 'Pending', 'Accepted', 'Declined') NOT NULL	Current status of the invite.

10. BudgetTracking Table

No.	Field Name	Data Type	Size	Constraints	Description
1	BudgetID	INT		AUTO_INCREMENT, PRIMARY KEY	Unique identifier for each budget entry.
2	CoupleID	INT		FOREIGN KEY REFERENCES Couples(CoupleID) ON DELETE CASCADE	Links to the couple who is tracking the budget.
3	BookingID	INT		FOREIGN KEY REFERENCES Bookings(BookingID) ON DELETE CASCADE	Link to the associated booking.
4	Category	VARCHAR	50	NOT NULL	Category or type of budget item.
5	AmountAllocated	DECIMAL	10,2	NOT NULL	The amount of money allocated to this category.
6	AmountSpent	DECIMAL	10,2	NOT NULL	The amount of money spent in this category.
7	Date	DATE		NOT NULL	The date of the budget entry or update.
8	Status	ENUM		NOT NULL DEFAULT 'Active'	Current status of the budget entry (Active, Closed).

11. Bookings Table

No.	Field Name	Data Type	Size	Constraints	Description
1	BookingID	INT		AUTO_INCREMENT, PRIMARY KEY	Unique identifier for each booking.
2	CoupleID	INT		FOREIGN KEY REFERENCES Couples(CoupleID) ON DELETE CASCADE	Link to the couple making the booking.
3	VendorID	INT		FOREIGN KEY REFERENCES Vendors(VendorID) ON DELETE CASCADE	Link to the vendor providing the service.
4	ServiceType	ENUM		('Venue', 'Catering', 'Makeup', 'Decor', 'Other')	Type of service being booked.
5	BookingDate	DATE		NOT NULL	Date when the booking is made.
6	EventDate	DATE		NOT NULL	Date of the event for which the booking is made.
7	Amount	DECIMAL	10,2	NOT NULL	Total amount for the booking.
8	Status	ENUM		NOT NULL DEFAULT 'Pending'	Status of the booking (Pending, Confirmed, Cancelled).
9	CreatedAt	DATETIME		NOT NULL DEFAULT CURRENT_TIMESTAMP	Timestamp of when the booking was created.
10	UpdatedAt	DATETIME		NOT NULL DEFAULT CURRENT_TIMESTAMP ON UPDATE CURRENT_TIMESTAMP	Timestamp of the last update to the booking.

12. Favorites Table

No.	Field Name	Data Type	Size	Constraints	Description
1	FavoriteID	INT		AUTO_INCREMENT, PRIMARY KEY	Unique identifier for each favorite entry.
2	CoupleID	INT		FOREIGN KEY REFERENCES Couples(CoupleID) ON DELETE CASCADE	Link to the couple who marked the favorite.
3	VendorID	INT		FOREIGN KEY REFERENCES Vendors(VendorID) ON DELETE CASCADE	Link to the vendor marked as favorite.
4	Category	ENUM		('Venue', 'Catering', 'Makeup', 'Decor', 'Other')	Category of the service marked as favorite.
5	CreatedAt	DATETIME		NOT NULL DEFAULT CURRENT_TIMESTAMP	Timestamp when the favorite was added.
6	Status	ENUM		NOT NULL DEFAULT 'Active'	Current status of the favorite (Active, Inactive).

Images table

1. VendorImages Table

No.	Field Name	Data Type	Size	Constraints	Description
1	ImageID	INT		AUTO_INCREMENT, PRIMARY KEY	Unique identifier for each image.
2	VendorID	INT		FOREIGN KEY REFERENCES Vendors(VendorID) ON DELETE CASCADE	Link to the corresponding vendor.
3	ImageURL	VARCHAR	255	NOT NULL	URL of the image.
4	Description	TEXT			Description of the image.
5	UploadedAt	DATETIME		NOT NULL DEFAULT CURRENT_TIMESTAMP	Timestamp of image upload.
6	Status	ENUM		('Active', 'Archived') NOT NULL DEFAULT 'Active'	Current status of the image.

2. VenueImages Table

No.	Field Name	Data Type	Size	Constraints	Description
1	ImageID	INT		AUTO_INCREMENT, PRIMARY KEY	Unique identifier for each image.
2	VenueID	INT		FOREIGN KEY REFERENCES Venues(VenueID) ON DELETE CASCADE	Link to the corresponding venue.
3	ImageURL	VARCHAR	255	NOT NULL	URL of the image.
4	Description	TEXT			Description of the image.
5	UploadedAt	DATETIME		NOT NULL DEFAULT CURRENT_TIMESTAMP	Timestamp of image upload.
6	Status	ENUM		('Active', 'Archived') NOT NULL DEFAULT 'Active'	Current status of the image.

3. CateringImages Table

No.	Field Name	Data Type	Size	Constraints	Description
1	ImageID	INT		AUTO_INCREMENT, PRIMARY KEY	Unique identifier for each image.
2	CateringID	INT		FOREIGN KEY REFERENCES CateringOptions(Caterin gID) ON DELETE CASCADE	Link to the corresponding catering option.
3	ImageURL	VARCHAR	255	NOT NULL	URL of the image.
4	Description	TEXT			Description of the image.
5	UploadedAt	DATETIME		NOT NULL DEFAULT CURRENT_TIMESTAMP	Timestamp of image upload.
6	Status	ENUM		('Active', 'Archived') NOT NULL DEFAULT 'Active'	Current status of the image.

4. CoupleImages Table

No.	Field Name	Data Type	Size	Constraints	Description
1	ImageID	INT		AUTO_INCREMENT, PRIMARY KEY	Unique identifier for each image.
2	CoupleID	INT		FOREIGN KEY REFERENCES Couples(CoupleID) ON DELETE CASCADE	Link to the corresponding couple.
3	ImageURL	VARCHAR	255	NOT NULL	URL of the image.
4	Description	TEXT			Description of the image.
5	UploadedAt	DATETIME		NOT NULL DEFAULT CURRENT_TIMESTAMP	Timestamp of image upload.
6	Status	ENUM		('Active', 'Archived') NOT NULL DEFAULT 'Active'	Current status of the image.

5. PlannerImages Table

No.	Field Name	Data Type	Size	Constraints	Description
1	ImageID	INT		AUTO_INCREMENT, PRIMARY KEY	Unique identifier for each image.
2	PlannerID	INT		FOREIGN KEY REFERENCES WeddingPlanners(Plann erID) ON DELETE CASCADE	Link to the corresponding wedding planner.
3	ImageURL	VARCHAR	255	NOT NULL	URL of the image.
4	Description	TEXT			Description of the image.
5	UploadedAt	DATETIME		NOT NULL DEFAULT CURRENT_TIMESTAMP	Timestamp of image upload.
6	Status	ENUM		('Active', 'Archived') NOT NULL DEFAULT 'Active'	Current status of the image.