

4.3.1 Data Dictionary

4.3.1.1 User

Table 4.1 User

Attribute	Data Type	Description	Example
userID	String	Unique identifier of the user account	USR0001
email	String	Email of the user account.	user1@example.com
password	String	Encrypted password used for user authentication.	hashed\$Xy92Hsh!
contactNumber	String	Contact number of the user account.	012-2223333
profilePicture	String	File path to the image.	profile123.jpg
isActive	Boolean	Indicates if the user account is currently active.	true
role	String	The type of user account.	couple, vendor
registrationDate	Date	The date the user registered on the platform.	28-7-2025
status	String	Indicates if the user account is active/inactive or pending.	Active, Deactivate, Pending verification, Rejected

4.3.1.2 Couple

Table 4.2 Couple

Attribute	Data Type	Description	Example
weddingProject	Array<WeddingProject>	List of wedding projects created and managed by the couple.	-
conversations	Array<Conversation>	List of conversations between the couple and vendors.	-

4.3.1.3 Vendor

Table 4.3 Vendor

Attribute	Data Type	Description	Example
owner	String	Full name of the vendor account owner.	Jonathan Lee
vendorCategory	String	Type of service the vendor provides.	Catering
location	String	Location or service coverage area of the vendor.	Kuala Lumpur, Malaysia
description	String	Description or summary of the vendor's offerings.	-
serviceListing	Array<ServiceListing>	List of service listings offered by the vendor.	-
conversations	Array<Conversation>	Conversations between the vendor and couples.	-
verificationDocuments	Array<String>	List of file names or URLs of documents submitted for verification.	-
availability	Array<TimeSlot>	List of available time slots for vendor services.	-
bookings	Array<Booking>	List of bookings	-

		received by the vendor.	
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4.3.1.4 System admin

Table 4.4 System Admin

Attribute	Data Type	Description	Example
adminID	String	Unique identifier for the system administrator.	ADM0001
name	String	Full name of the admin user.	Nurul Afiqah
email	String	Admin's email used for login and communication.	afiqah@weddding.com
password	String	Encrypted password used for admin authentication.	hashed\$Xy92Hsh!
profilePircture	String	Profile image or file path/URL of the system admin's picture.	admin_afiqah.png

4.3.1.5 Conversation

Table 4.5 Conversation

Attribute	Data Type	Description	Example
conversationID	String	Unique identifier for the conversation thread.	CONV00123
participantA	User	First user in the conversation (could be a couple or vendor).	-
participantB	User	Second user in the conversation.	-
messages	Array<Message>	List of messages exchanged in this conversation.	-

4.3.1.6 Message

Table 4.6 Message

Attribute	Data Type	Description	Example
messageID	String	Unique identifier for the message.	MSG000123
sender	String	Identifier (e.g., userID) of the user who sent the message.	USR001
content	String	Text content of the message.	-
timestamp	DateTime	Date and time when the message was sent.	2025-07-28T15:45:00

4.3.1.7 Wedding Package

Table 4.7 Wedding Package

Attribute	Data Type	Description	Example
packageID	String	Unique identifier for the wedding package.	PKG0001
packageName	String	Name/title of the wedding package.	Garden Bliss
description	String	Detailed description of the package and its features.	-
price	Double	Total price of the wedding package.	8500.00
includedServices	Array<ServiceListing>	List of services included in the package.	-
previewImage	String	Image or URL representing the package preview.	garden_bliss.jpg

4.3.1.8 Wedding Project

Table 4.8 Wedding Project

Attribute	Data Type	Description	Example
projectID	String	Unique identifier for the wedding project.	PRJ0001
projectName	String	Custom name or title for the wedding project.	Liam & Aisha Wedding
weddingDate	Date	Scheduled date of the wedding.	21-12-2025
weddingType	String	Type of wedding preparation.	Self-organized, Prepackaged
basePackage	WeddingPackage	The main wedding package selected as the foundation for the project.	-
budget	Budget	Associated budget plan for the wedding.	-
checklist	Array<Task>	List of to-do tasks for managing the wedding project.	-
venueDesign	3DVenueDesign	The customized 3D venue design associated with this project.	-
selectedServices	Array<SelectedService>	Services selected for the wedding project.	-

4.3.1.9 Service Listing

Table 4.9 Service Listing

Attribute	Data Type	Description	Example
serviceID	String	Unique identifier for the service listing.	SRV0001
name	String	Name of the service being offered.	Premium Floral Decoration
description	String	Detailed description of the service.	-
category	String	Category/type of the service.	Decoration
price	Double	Price of the service.	3000.00
images	Array<String>	List of image file names or URLs showcasing the service.	[floral1.jpg, floral2.jpg]
isActive	Boolean	Indicates whether the service is currently available for selection or booking.	true
averageRating	Double	Average user rating for the service (e.g., from reviews).	4.7
designElement	DesignElement	Associated design element used in the 3D venue design.	-
has3DModel	Boolean	Indicates whether the service includes a 3D model for venue design integration.	true

4.3.1.10 Design Element

Table 4.10 Design Element

Attribute	Data Type	Description	Example
elementID	String	Unique identifier for the design element.	DE0001
elementType	String	Type or category of the design element.	Stage, Table, Backdrop
modelFile	String	File name or path to the 3D model file associated with the element.	stage_model.glb

4.3.1.11 Placed Element

Table 4.11 Placed Element

Attribute	Data Type	Description	Example
position	Coordinates	The position of the element in the 3D space.	-
rotation	Float	Rotation angle (in degrees or radians) of the element on the defined axis.	45.0
isLocked	Boolean	Indicates whether the element is locked from any action.	true

4.3.1.12 Coordinates

Table 4.12 Coordinates

Attribute	Data Type	Description	Example
x	Float	X-axis position value in 3D space.	12.5
y	Float	Y-axis position value in 3D space.	0.0
z	Float	Z-axis position value in 3D space.	-8.3

4.3.1.13 Venue Design

Table 4.13 Venue Design

Attribute	Data Type	Description	Example
designID	String	Unique identifier for the 3D venue design.	VD0001
venueName	String	Name or label of the venue being designed.	Grand Ballroom
layoutData	JSON	JSON data structure representing layout configuration or scene state.	-
cameraPosition	Coordinates	The position of the camera in the 3D space.	-
zoomLevel	Float	Zoom level of the 3D camera.	1.5
placedElements	Array<PlacedElement>	List of design elements placed in the venue.	-

4.3.1.14 Budget

Table 4.14 Budget

Attribute	Data Type	Description	Example
budgetID	String	Unique identifier for the budget record.	BGT0001
totalBudget	Double	The total budget amount allocated for the wedding.	50000.00
categories	Array<BudgetCategory>	List of categorized budgets.	-
totalSpent	Double	The total amount spent so far.	15000.00
totalRemaining	Double	Remaining budget available.	35000.00

4.3.1.15 Budget Category

Table 4.15 Budget Category

Attribute	Data Type	Description	Example
categoryID	String	Unique identifier for the budget category.	CAT0001
categoryName	String	Name of the category under the wedding budget.	Catering
expenses	Array<Expense>	List of expenses recorded under this category.	-

4.3.1.16 Expense

Table 4.16 Expense

Attribute	Data Type	Description	Example
expenseID	String	Unique identifier for the expense item.	EXP0001
expenseName	String	Name or title of the expense.	Buffet Dinner
estimatedCost	Double	Budgeted or expected cost for the item or service.	8000.00
actualCost	Double	Actual amount spent for the item or service.	7500.00
remark	String	Additional notes or comments about the expense.	-

4.3.1.17 Task

Table 4.17 Task

Attribute	Data Type	Description	Example
taskID	String	Unique identifier for the task.	TASK0001
taskName	String	Title or name of the task.	Confirm Photographer
description	String	Detailed information about the task.	Call and confirm booking with the vendor.
dueDate	Date	Deadline or due date for completing the task.	01-10-2025
isCompleted	Boolean	Indicates whether the task has been completed.	false
subtasks	Array<Subtask>	List of smaller sub-tasks under this main task.	-

4.3.1.18 Subtask

Table 4.18 Subtask

Attribute	Data Type	Description	Example
subTaskID	String	Unique identifier for the sub-task.	SUB0001
description	String	Details about the specific action or step to be taken.	Email photographer for availability.
isCompleted	Boolean	Indicates whether the sub-task has been completed.	true

4.3.1.19 Selected Service

Table 4.19 Selected Service

Attribute	Data Type	Description	Example
quantity	Integer	Number of units or packages selected for the service.	2
totalPrice	Double	Total price based on quantity and unit price.	6000.00
booking	Booking	Reference to the associated booking for this selected service.	-

4.3.1.20 Booking

Table 4.20 Booking

Attribute	Data Type	Description	Example
bookingID	String	Unique identifier for the booking.	BOOK0001
bookingDate	Date	Date when the booking was created.	01-08-2025
reservedDate	Date	The actual service or event date reserved.	15-12-2025
status	String	Current status of the booking	Pending confirmation, Pending deposit payment, confirmed, pending payment, final payment, cancelled, rejected, completed
depositDueDate	Date	The due date for the deposit payment.	10-08-2025
finalDueDate	Date	The due date for the final payment.	15-11-2025
payment	Payment	Reference to the payment record associated with this booking.	-

4.3.1.21 Review

Table 4.21 Review

Attribute	Data Type	Description	Example
reviewID	String	Unique identifier for the review.	REV0001
rating	Integer	Numerical rating given by the user (from 1 to 5).	5
comment	String	Written feedback or message from the reviewer.	-
reviewDate	DateTime	Date and time when the review was submitted.	2025-07-28T16:30:00

4.3.1.21 Payment

Table 4.22 Payment

Attribute	Data Type	Description	Example
paymentID	String	Unique identifier for the payment record.	PAY0001
paymentType	String	Type of payment.	Deposit, Final
amount	Double	Total amount paid in this transaction.	2000.00
paymentMethod	String	Method used for payment.	Credit card
paymentDate	DateTime	Date and time the payment was made.	2025-07-28T10:15:00
receipt	String	Uploaded receipt file or file path/URL.	receipt_2025_07_28.pdf