

F 1. Data Dictionary

Table 1: USER

FIELD NAME	DESCRIPTION	DATA TYPE	LENGTH	SAMPLE
USER_ID	Unique identification of the user	String	255	USER123456
USERNAME	Username for login	String	255	janedoe
PASSWORD	User's password (hashed)	String	255	*****
EMAIL	User's email address	String	255	janedoe@example.com
PHONE_NUMBER	User's contact number	String	20	09123456789
ROLE	Role of the user	String	50	Customer / staff

Table 2: RESERVATION

FIELD NAME	DESCRIPTION	DATA TYPE	LENGTH	SAMPLE
RESERVATION_ID	Unique identification of the reservation	String	255	Reserve12345
USER_ID	ID of the customer making the reservation	String	255	USER123456

RESERVATION_DATE	Date of the reservation	Date		2024-08-21
RESERVATION_TIME	Time of the reservation	Time		6:00 pm
GUESTS	Number of guests	Integer		4
TABLE_ID	ID of the reserved table	String	255	TABLE002
STATUS	Status of the reservation	String	50	Confirmed / cancelled
CREATED	Date timestamp of reservation creation	Date		2024-08-21 - 2:25 pm

Table 3: TABLE

FIELD NAME	DESCRIPTION	DATA TYPE	LENGTH	SAMPLE
TABLE_ID	Unique identification of the table	String	255	TABLE002
TABLE_NUMBER	Table number in the restaurant	String	50	12
SEATS	Number of seats at the table	Integer		4
STATUS	Status of the table	String	50	Available/ Reserved

Table 4: PAYMENT

FIELD NAME	DESCRIPTION	DATA TYPE	LENGTH	SAMPLE
PAYMENT_ID	Unique identification of the payment	String	255	PAY456789
RESERVATION_ID	ID of the related reservation	String	255	RES789123
USER_ID	ID of the customer	String	255	USER123456

	making the payment			
PAYMENT_AMOUNT	Total amount paid	Decimal		500.00
PAYMENT_STATUS	Status of the payment	String	50	Completed/Pending
PAYMENT_DATE	Date and time of payment	Date		2024-08-21 - 2:30 pm

Table 5: FEEDBACK

FIELD NAME	DESCRIPTION	DATA TYPE	LENGTH	SAMPLE
FEEDBACK_ID	Unique identification of the feedback	String	255	Feedback123456
USER_ID	ID of the customer giving feedback	String	255	USER123456
RESERVATION_ID	ID of the related reservation	String	255	Reserve789123
RATING	Customer's rating	Integer		5
COMMENTS	Customer's comments	String	500	Excellent service!
CREATED	Datetimestamp of feedback submission	Date		2024-08-21 – 3:00 pm

Table 6: NOTIFICATION

FIELD NAME	DESCRIPTION	DATA TYPE	LENGTH	SAMPLE
NOTIFICATION_ID	Unique identification of the notification	String	255	Notif456789

USER_ID	ID of the user receiving the notification	String	255	USER123456
TYPE	Type of notification	String	50	Reminder /Cancellation
MESSAGE	Content of the notification	String	255	Your reservation is confirmed!