

Database Management System

MongoDB

Restaurant Reservation System



Introduction

A Restaurant Reservation System is a tool that allows customers to book a table in advance at a restaurant. This system helps restaurants efficiently manage customer reservations and optimize seating arrangements. The system can be built using MongoDB, a NoSQL database, to store reservation data, providing flexibility in handling complex data structures and scaling effortlessly.

Features:

- **User-friendly Reservation Form:**
 - A simple form where customers provide the necessary details to make a reservation.
 - **Fields:** Name, Phone Number, Date & Time, Number of Guests, Special Requests.
 - **Input Validation:** Ensures the form is filled correctly (valid date, non-empty fields).
- **Reservation Upload:**
 - After filling out the reservation form, the data is submitted and saved directly into the MongoDB database.
 - On successful submission, the system can display a confirmation message on the UI.
- **Database Management (MongoDB):**
 - **Collection:** `reservations`
 - **Fields:**
 - `first_name` (String)
 - `last_name` (String)
 - `phone_number` (Float)
 - `date` (Date)
 - `time` (Time)
 - `email` (String)
 - MongoDB's flexible schema allows for easy updates to the reservation structure if needed in the future.

Delicious



Food



Dishes

About Us

The only thing we're serious about is food.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Magna tempus class purus facilis maximus. Curabitur nec amet mollis molestie dis vestibulum ipsum. Natus tunc mollis perstibus metus viverra sapien purus blandi. Eit curabitur rhancus ultricies nec pulvinar ultricies.

Food & More



QUALITY FOOD

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Officiis reprehenderit officia qui repellat.



SUPER TASTE

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Officiis reprehenderit officia qui repellat.



FAST DELIVERY

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POPULAR DISHES

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ROASTED LAMB RUMP



CITRUS CURED SALMON



PAN SEARED SEA BASS



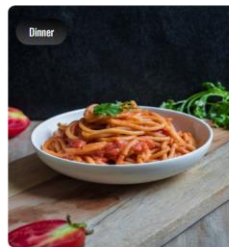
STUFFED STRAWBERRY



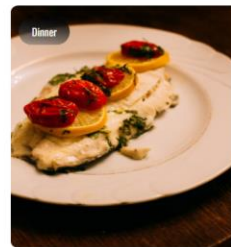
BEEF BURGER MEAL



MUSSELS SOUP



ITALIAN SPAGHETTI



GRILLED FISH

14

Restaurants

20

Chef In Kitchen



08

Years Of Experience

200

Food Dishes

OUR TEAM

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JOHNATHAN TYLER
Founder & Head Chef



WADE WARREN
Sous Chef



JHON DOE
Fast Food Chef



ALEX COAL
Senior Chef



MAKE A RESERVATION

For Further Questions, Please Call

First Name:	Last Name:
mm/dd/yyyy	mm/dd/yyyy
Email	

RESERVE NOW

Hamdan

Developed By HAMDAN S80

Iran Road, Rawalpindi
Open: 05:00 PM - 12:00 PM

All Rights Reserved By Hamdan Sethi

Atlas Hamdan's O... Access Manager Billing All Clusters Get Help Hamdan

Restaurant Data Services Charts

Overview DATABASE Clusters SERVICES Atlas Search Stream Processing Triggers Migration Data Federation Data API SECURITY Quickstart Backup Database Access Network Access Advanced Goto

+ Create Database Search Namespaces

Restaurant reservations

Restaurant.reservations STORAGE SIZE: 34KB LOGICAL DATA SIZE: 109KB TOTAL DOCUMENTS: 7 INDEXES TOTAL SIZE: 34KB

Find Indexes Schema Anti-Patterns Aggregation Search Indexes

Generate queries from natural language in Compass

INSERT DOCUMENT

Filter Type a query: { field: 'value' } Reset Apply Options

```
{
  "_id": ObjectId("67682a81f73e34b45b87e152"),
  "firstName": "Hamdan",
  "lastName": "Sethi",
  "email": "hamdansethi@outlook.com",
  "phone": "03185723388",
  "time": "19:59",
  "date": "2024-12-10",
  "__v": 0
}
```

```
{
  "_id": ObjectId("6775974e44c1cdae112fbe29"),
  "firstName": "Syed",
  "lastName": "Taha",
  "email": "hxm dxn@gmail.com",
  "phone": "03315199556",
  "time": "14:29",
  "date": "2025-01-08",
  "__v": 0
}
```

System Status: All Good
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