

# README FILE

## ONLINE GAMBLING MANAGEMENT SYSTEM

Project Title: Online Gambling Management System

Project Description:

The Online Gambling Management System is a database-driven application that manages users, bets, games, transactions, and support queries. It simulates real-life betting scenarios with secure user management, transaction tracking, and administrative insights using SQL.

### Features & Modules:

#### 1. User Management

- Registers users with unique credentials
- Verifies phone numbers and identity documents

#### 2. Game Management

- Maintains game categories and settings
- Controls min/max bet limits and house edge

#### 3. Betting System

- Places bets with real-time payout calculation
- Manages bet statuses: Pending, Won, Lost

#### 4. Transaction Records

- Tracks deposits and withdrawals
- Uses multiple payment methods

#### 5. Admin Panel

- Role-based admins (GameManager, PaymentManager, etc.)
- Monitors activities and resolves support tickets

#### 6. Support Ticket System

- Handles user issues with message tracking
- Manages Open, Pending, and Closed tickets

#### 7. Verification Module

- Validates phone and ID with OTP and status logging

## 8. Analytics Queries

- Generates revenue reports
- Tracks user activity and trends

Table	NameDescription
Users	User info & verification status
Games	Game details, category, and house edge
GameCategories	Categories like Slots, Poker, etc.
Bets	Tracks bets and outcomes
Transactions	Deposit and withdrawal records
Admins	Admin login and role details
SupportTickets	User support ticket info
TicketMessages	Support message logs
AccountSummary	User coin balance and stats

## Technology Stack:

- **Frontend:** (Optional) Flutter
- **Backend:** SQL
- **Database:** MySQL
- **Hosting:** Local Server (XAMPP/phpMyAdmin)

## Installation Steps:

1. Clone the repository:
2. <https://github.com/NotAshish7/DataBase-Mini-Project-.git>
3. Set up MySQL or use phpMyAdmin
4. Import SQL schema & data files
5. Run sample queries to verify output
6. (Optional) Integrate with Flutter UI

## Usage Instructions:

- Add new users and verify them
- Add games and categorize them
- Allow users to place bets
- Track financial transactions
- Monitor support tickets
- Use complex queries for reports

## **Limitations & Future Improvements:**

### **Current Limitations:**

- No real-time integration
- No graphical user interface
- No authentication or security layers

### **Future Enhancements:**

- Add role-based login access
- Integrate payment gateways
- Build full UI in Flutter or web
- Implement live tracking and analytics