Satta King-Style Betting Platform - Complete Project Documentation

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Overview

This document outlines the architecture and features for a Satta King-style betting website with mobile + password login, PostgreSQL database, real-time updates, referral system with lifetime and conditional bonuses, and a custom admin panel built with React.js.

Tech Stack

Frontend: React.js

Backend: Django + Django REST Framework (DRF)

Database: PostgreSQL

Authentication: JWT-based login with mobile number + password

Real-time: Django Channels (WebSockets) or Polling (for Wallet, Referrals, Result updates)

Core Modules

# 1. Authentication

* - Mobile number + password login
* - JWT token generation and refresh system
* - Password hashing (Django default)

# 2. Wallet System

* - Wallet Model: deposit\_balance, bonus\_balance, total\_balance
* - Manual deposit via UTR number
* - Admin approval interface for deposits and withdrawals
* - Auto-deduction of bets and auto-update on win
* - Real-time balance updates

# 3. Betting System

## Game Types:

* - Single Number Bet (1–100): 91x payout

## - Andar-Bahar (0–9):

* - Andar section: 9x payout (10x for Gurgaon only)
* - Bahar section: 9x payout (10x for Gurgaon only)

## - Gurgaon Special Game:

* - 99x payout (for 1–100 bets)
* - 10x payout (for Andar-Bahar)
* - 1% referral bonus on winning bets

## All-Games Record Table (For Admin):

## Admin panel includes a separate tab to view real-time and historical records per game (Gali, Faridabad, Disawar, Ghaziabad, Gurgaon). Each tab includes:

* - Total bet per number (1–100)
* - Total bet per section (Andar, Bahar)
* - Total bet amount per game
* - Section-wise and number-wise breakdown

## Game Time Slots:

* - Faridabad: 11:00 AM – 4:00 PM
* - Ghaziabad: 4:00 PM – 6:00 PM
* - Gali: 6:00 PM – 8:00 PM
* - Gurgaon: 8:00 PM – 10:00 PM
* - Disawar: 10:00 PM – 5:00 AM

## Bet Details:

* - Game selection (Gali, Disawar, Faridabad, Ghaziabad, Gurgaon)
* - Number selection or section (Andar/Bahar)
* - Amount input
* - Wallet deduction on bet place
* - Block bet if wallet is insufficient

# 4. Referral System

* - Unique referral code
* - On registration via referral: 50 Rs bonus (non-withdrawable)
* - 1% of referred user’s winning amount in any game goes to referrer (only if referrer is active in last 3 months)
* - Referrer’s eligibility resets to zero if inactive for more than 3 months
* - Real-time updates of referral earnings and referral count

# 5. Game Result Management

* - Admin declares results manually per game
* - Result triggers wallet updates for winning users
* - Winning number visible on homepage real-time

## - Admin result declaration triggers:

* - Winning wallet updates
* - Referral bonus distribution (1%) across all games

# 6. Game and Bet Records

## User:

* - Bet history (all games)
* - Transaction history
* - Gurgaon game last 3 months’ bet details
* - Referral stats

## Admin:

* - All users
* - Active users in last 3 months
* - Monthly/weekly/daily earnings, deposits, withdrawals
* - All referral trees and income stats
* - Detailed Gurgaon report including Andar/Bahar/1–100 total breakdowns
* - Game-wise and time-wise betting analytics
* - Records for each game (Gali, Faridabad, Ghaziabad, Gurgaon, Disawar) with section-wise and number-wise totals

# 7. Admin Panel (Custom React-based)

* - View all users and activity
* - Approve/reject deposits/withdrawals
* - Declare game results
* - View earnings, analytics, referral data
* - Game-wise reports
* - Gurgaon game detailed table (as described)
* - Time-slot-based dashboards and filters (e.g. show only Faridabad 11am–4pm stats)

Database Models

User

* - id
* - mobile (unique)
* - password (hashed)
* - referral\_code
* - referred\_by (FK)
* - last\_active

Wallet

* - user (FK)
* - deposit\_balance
* - bonus\_balance
* - total\_balance (computed)

Bet

* - id
* - user (FK)
* - game\_type
* - number or section (int or string)
* - amount
* - payout\_multiplier
* - game\_name
* - created\_at
* - result\_declared
* - is\_winner

ReferralEarning

* - id
* - user (FK - referrer)
* - from\_user (FK - referred user)
* - amount
* - game\_name
* - created\_at

DepositRequest

* - id
* - user (FK)
* - utr\_number
* - amount
* - status (Pending/Approved/Rejected)
* - created\_at

WithdrawalRequest

* - id
* - user (FK)
* - amount
* - status
* - bank\_details
* - created\_at

GameResult

* - id
* - game\_name
* - date
* - winning\_number

APIs (Examples)

Auth

* - POST /api/auth/login/
* - POST /api/auth/register/

Wallet

* - GET /api/wallet/
* - POST /api/wallet/deposit/
* - POST /api/wallet/withdraw/

Bet

* - POST /api/bet/place/
* - GET /api/bet/history/

Referral

* - GET /api/referrals/

Game

* - GET /api/games/active/
* - POST /api/admin/game/result/

Admin

* - GET /api/admin/users/
* - GET /api/admin/stats/
* - GET /api/admin/gurgaon-summary/
* - GET /api/admin/time-slot-summary/?slot=faridabad

Business Logic (Key Rules)

* - Users inactive for 3+ months have wallet reset to zero
* - Referred user’s 1% winning share is real-time updated to referrer for all games
* - 50 Rs referral bonus cannot be withdrawn
* - No bet if wallet < bet amount
* - Wallet updated in real-time on bet, win, referral bonus, and admin action
* - Gurgaon section has combined betting types (1–100 + Andar/Bahar)
* - Andar and Bahar section payout is 9x across all games (10x for Gurgaon)
* - Admin dashboard supports time-slot wise analysis and record segregation
* - All earnings from referrals and gameplay are timestamped for flexible reporting

Real-Time Features

## - WebSocket endpoints for:

* - Wallet updates
* - Referral earnings
* - Result announcements
* - Bet status

Security Measures

* - JWT auth
* - Role-based route protection
* - Encrypted UTR numbers
* - Admin-only endpoints for critical actions
* - HTTPS deployment