

Requirement Document for Betting App MVP

1. Introduction

This document outlines the requirements for a Minimum Viable Product (MVP) of a betting application. The primary goal is to provide a basic yet functional betting platform, incorporating essential features such as user login, invitation flow, betting options, virtual money management, and a leaderboard.

2. Functional Requirements

2.1 User Login

- **Objective:** Allow users to securely log in to the application.
- **Features:**
 - User authentication via email and password.
 - Forgot password functionality with email-based reset.
 - Session management with automatic logout after inactivity (e.g., 15 minutes).

2.2 Invite Users Flow

- **Objective:** Enable users to invite friends to join the app.
- **Features:**
 - Shareable invite links via email, SMS, or social media.
 - Option to send invitations directly from the app using the user's contact list.
 - Tracking of successful invitations and new user sign-ups.

2.3 Betting Options

- **Objective:** Provide users with options to place bets.
- **Features:**
 - Display of available betting events and odds.
 - Option to place bets on various events (e.g., sports, elections).
 - User interface for entering bet amounts and confirming bets.
 - Real-time updates on bet status and results.

2.4 Virtual Money Management

- **Objective:** Allow users to manage and use virtual currency for placing bets.
- **Features:**
 - Virtual wallet with a balance display.
 - Option to add or withdraw virtual money (e.g., through promo codes or rewards).

- Transaction history showing deposits, withdrawals, and betting activities.

2.5 Leaderboard

- **Objective:** Display user rankings based on betting performance.
 - **Features:**
 - Real-time leaderboard showing top users based on total winnings or betting performance.
 - User profile link on the leaderboard for detailed view of individual performance.
 - Filters to view top users over different time periods (e.g., daily, weekly, monthly).
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3. Non-Functional Requirements

3.1 Usability

- The app should have an intuitive user interface, making it easy for users to navigate and use the core features.

3.2 Performance

- The app should handle simultaneous users placing bets and accessing the leaderboard without significant performance degradation.

3.3 Security

- Ensure secure handling of user data, especially related to login credentials and virtual transactions.
- Implement encryption for data transmission and storage.

3.4 Compatibility

- The app should be compatible with major mobile operating systems (iOS and Android).
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4. User Interface (UI) Requirements

- **Login Screen:** Simple form with fields for email, password, and login button.
 - **Invite Screen:** Options to invite via various methods, with a clear invitation status.
 - **Betting Screen:** List of events, bet entry fields, and a confirm button.
 - **Virtual Wallet Screen:** Display balance, recent transactions, and options to manage money.
 - **Leaderboard Screen:** List of top users with filter options and links to user profiles.
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This document provides a concise overview of the core functionalities required for the MVP of the betting app. Future iterations may expand upon these features based on user feedback and additional requirements.