

Individual Project Pitch

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‘Belote’ Introduction

Belote is an extremely popular card game in Bulgaria, also played in Croatia, Armenia, Belgium, France, Cyprus, Georgia, etc.

Originated in France around 1900, it is their national card game for casual players and gamblers.

Short rule overview

The players are dealt 5 cards, and take turns counterclockwise to decide a contract:

- Suit trump
- No trump
- All trumps

Players are dealt 3 more cards and the game starts.



J 9 A 10 K Q 8 7
A 10 K Q J 9 8 7

Why?



There are already mobile apps that allow you to play belote online or with bots, but they don't include game invites and have too many ads. Simply put, I want to create a better app with which I can play belote with my friends.

Problems and strategies

Multiplayer synchronization

- The main requirement I am setting for myself.
- Authoritative Server Model.
- WebSockets.

Scalable cloud-native architectures

- The application will be designed for future adaptation (e.g., adding new card games beyond Belote).
- Explicit quality requirements: low latency for gameplay, high availability for sessions, and compliance with GDPR.

Secure Data Handling

- Handling gameplay logs, user accounts, session states.
- I will ensure security in the handling of user data.



Thank you