

# SportBuddy

Find your team. Play more.

## Motivation

- Hard to find enough teammates at the right time.
- Messy coordination through group chats and messages
- No single place to discover venues and organize local games
- Skill and availability mismatches reduce game quality
- Players miss real-time updates (changes, reminders etc.)

## Solution Features

- User profiles & secure authentication system
- Activity creation and management (CRUD)
- Interactive and venues discovery
- Smart filters (sport/skill/age/price)
- AI search & activity creation
- Chat + notifications (in-app/push)

## System Architecture

Frontend  
React/Next.js

Backend API  
Node.js/Prisma

Database  
PostgreSQL

Prisma ORM

Better Auth

Google Maps API

Gemini AI

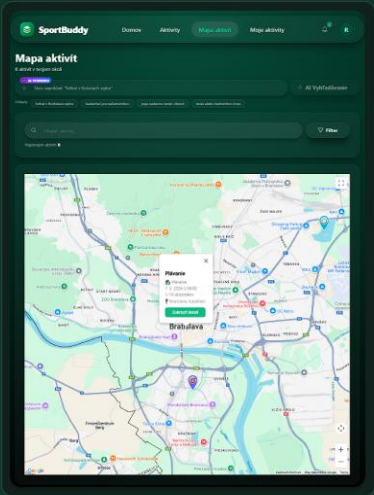
## How to Use

1 Sign Up & Create profile  
Create account and set sports preferences

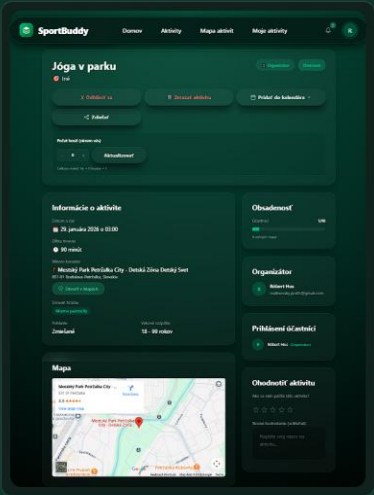
2 Discover & Match  
Find nearby players and activities

3 Connect & Play  
Join events and build communities

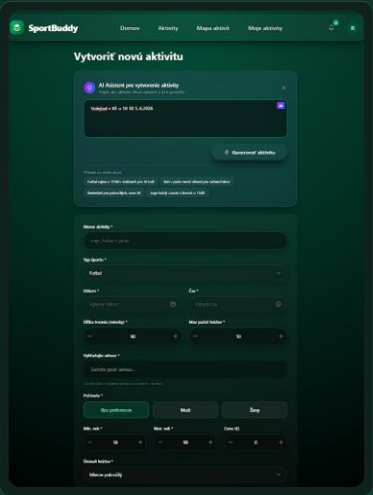
## Application Screenshots



Interactive activity map




Activity details dashboard




Creating new activities with AI


## Evaluation & Results

- Core user flows validated end-to-end (sign up/login → create/join activity → coordinate)
- Stable activity management with participation states, capacity handling, and recurring events.
- Location & venues features verified (map coordinates, venue details, favorites/reviews support)
- Real-time coordination confirmed via in-activity chat plus notifications with user preferences



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