SolDEX - Progress Report

Project: Simple Decentralized Exchange (DEX) with AMM on Solana **Developer:** Ustym **Date:** November 2024 **Status:** Development Complete - Pending Testing

Project Summary

I have completed the development phase of your Solana DEX MVP. The system is built and ready for testing before final delivery.

What Has Been Built

1. Smart Contract (On-Chain Program)

- Liquidity pool creation for any SPL token pair
- Add and remove liquidity functionality
- Token swap with AMM (Automated Market Maker)
- Configurable swap fees (default 0.3%)
- Slippage protection for traders

2. Web Interface

- Homepage with pool listing
- Swap page for token exchanges
- Liquidity management page (add/remove)
- Pool creation page
- Wallet connection (Phantom and Solflare)

3. Supporting Tools

- Test token creation script
- Pool creation script
- Deployment scripts
- Complete documentation

What I Need From You to Proceed

To move forward with testing and deployment, I need the following information:

1. Token Information

Question	Your Answer
Do you already have an SPL token created?	Yes / No
If yes, what is the token mint address?	_____

Question	Your Answer
What is the token name?	_____
What is the token symbol?	_____
How many decimals? (usually 9)	_____

If you don't have a token yet, I can create test tokens for the devnet testing phase.

2. Initial Pool Configuration

Question	Your Answer
What token pairs do you want for the first pool?	Token A: ___ / Token B: ___
What swap fee rate do you prefer?	0.1% / 0.3% / 0.5% / 1%
How much initial liquidity will you provide?	Token A: ___ / Token B: ___

3. Branding (Optional for MVP)

Question	Your Answer
DEX name (currently "SolDEX")	_____
Do you have a logo?	Yes / No
Preferred colors?	_____

4. Deployment Preferences

Question	Your Answer
Do you want to test on devnet first?	Yes / No
Do you have a domain name?	_____
Preferred hosting? (Vercel, Netlify, or other)	_____

Estimated Costs for Deployment

Devnet (Testing) - FREE

- No real SOL required
- Free test tokens
- Free airdrop SOL
- Recommended before mainnet

Mainnet (Production)

Item	Estimated Cost

Item	Estimated Cost
Program deployment	2-3 SOL
First pool creation	~0.02 SOL
Domain (annual)	R$40-80
Hosting	Free (Vercel/Netlify)

Next Steps

Once you provide the information above:

1. **Step 1:** I will deploy to Solana devnet (free testing environment)
2. **Step 2:** Create test tokens or use your token addresses
3. **Step 3:** Test all functionality (pools, swaps, liquidity)
4. **Step 4:** Fix any issues found during testing
5. **Step 5:** Deploy to mainnet when you're ready
6. **Step 6:** Deploy frontend to your hosting/domain
7. **Step 7:** Create initial pools with your tokens

Timeline

Phase	Duration
Receive your answers	Waiting
Devnet deployment + testing	1-2 days
Bug fixes (if needed)	1 day
Mainnet deployment	1 day
Total remaining	**3-4 days after your response**

I'm ready to proceed as soon as I receive this information.

Best regards, **Ustym**

PS: I suggest Telegram or Discord for smooth communication. Telegram: @knoxryder323 Discord: knoxryder323