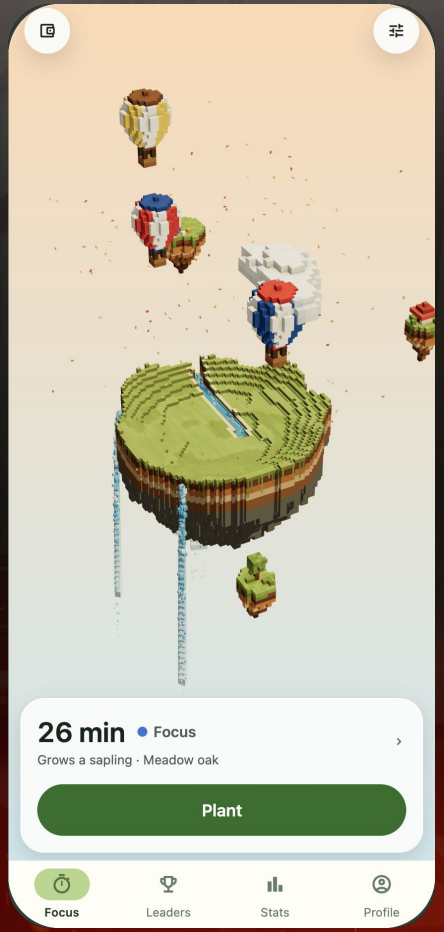
Focus Garden

Keep your word. Grow your forest.

Salem Mohammed Shamakh (@salemkode)

focus-app.salemkode.com



A focus timer with stakes: while you focus, Bitcoin Cash time-locks a tree; stay, and the app delivers it to your wallet as a CashTokens NFT. Leave, and it withers.

Try it → focus-app.salemkode.com

[Contracts live on Mainnet · first app plant: Pending]

(any modern browser plus a BCH wallet; about 15,000 sats)

The Story of Focus Garden

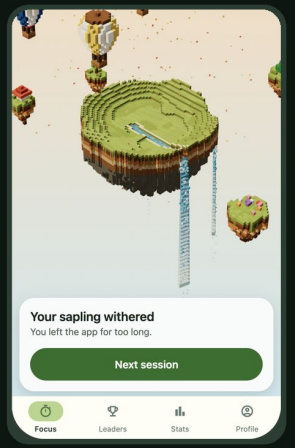
Amina sits down to study. Four minutes later she's scrolling, because quitting a timer costs nothing.

With Focus Garden she pledges a session. Stay, and her tree grows and comes to her wallet. Leave for 10 seconds, and it withers.

[Illustrative story · real app screens]



Stay: it grows

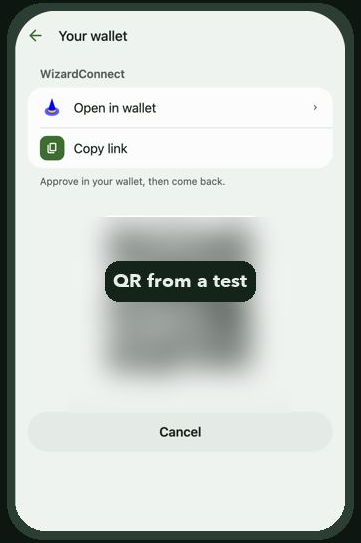


Leave for 10 s: it withers

How it works

Real screens from the mainnet web build, 20 Nov 2026

1

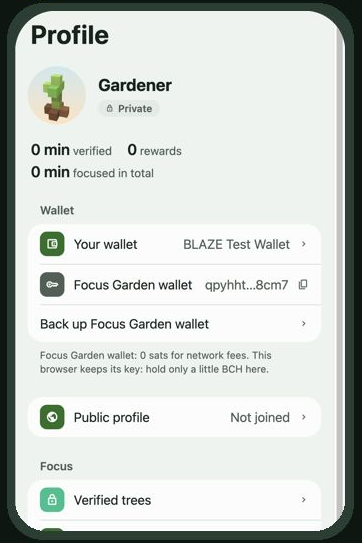


Connect your wallet

WizardConnect (Selene) or WalletConnect. The app takes your wallet's receive address; trees go there.

Tested: WizardConnect test wallet

2

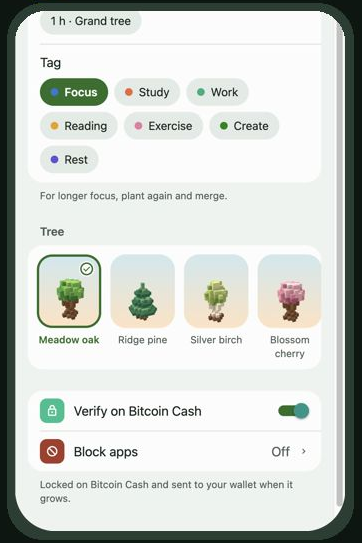


Fund the fee wallet

Send it ~15,000 sats. It pays the fees; on the web its key stays in this browser.

Tested: created, balance read

3

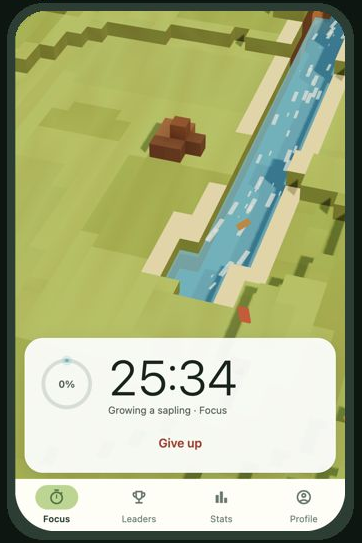


Promise a session

Pick a length, turn on Verify on Bitcoin Cash, press Plant: a time-locked tree is minted.

Pending: first mainnet plant

4



Stay, or it withers

Stay and the app sends the grown tree to your wallet when the lock matures.

Pending: first mainnet release

Benefits of Focus Garden

- **A reason to stay.** Leave for 10 seconds and your tree withers. **[Tested locally]**
- **A reward you own.** Kept sessions become CashTokens NFTs in your own wallet, with pictures from our BCMR registry. **[Contracts and metadata: Done on Mainnet · first delivery: Pending]**
- **No account, no server we run.** The app talks to Bitcoin Cash through public Electrum servers. **[Done on Mainnet (read-only)]**



BCH **Usage**

Plant
mint tree NFT,
2,000-sat fee + 1,000-sat deposit

Time lock
BIP68, 512-second steps,
matures by median block time

Release
NFT and deposit to your wallet,
2,000-sat fee

Merge · matured trees combine inside the contract.

FocusForest + FocusDirectory (CashScript, P2SH32), live on mainnet since 19 Nov 2026 (block 977999). **[Done on Mainnet]**

WizardConnect wallet linking (WalletConnect too). **[Tested (test wallet)]**

Every transaction is built, VM-checked and signed in the app; contract + protocol tests. **[Tested locally]**

Evidence and honest limits

Claim	Status
Contracts, 100 creator trees, BCMR metadata	**Done on Mainnet — block 977999**
App reads gardens, balances and leaderboard from mainnet	**Done on Mainnet (read-only)**
WizardConnect pairing	**Tested with a dedicated test wallet, 20 Nov**
Plant → release from the website	**Pending — first mainnet run**

Limits: the chain checks time, not attention; the app checks that you stay. The leaderboard counts pledged time. Delivery waits for the lock to mature (up to about an hour after the session) and for the app to be open. On the web, the fee wallet's key lives in the browser.

The Vision for Focus Garden

- **First buyer: study groups.** A shared garden for a class or study circle, paid per group in BCH or pUSD. **[Planned]**
- **Promises with stakes.** Put pUSD behind a pledge: keep it and it comes back; break it and it goes to a cause you chose. **[Planned]**
- **Success measure:** groups that come back for a second week.

Before and after

	2025 (Crypto Focus Garden, BLAZE 2025)	2026 (this entry)
Platform	Next.js web dApp	One Expo app: iPhone, Android, web
Network	Chipnet [Done on Chipnet]	Mainnet: contract deployment and reads; first web plant pending
Contract	PomodoroRewards (time check relaxed)	FocusForest + FocusDirectory, time lock enforced
Rewards	One NFT per session	Four sizes, six styles, merging
Wallets	WalletConnect	WizardConnect, WalletConnect; XO-engine fee wallet (native)

2025 source · 2025 demo (organizer showcase) · 2026 source

THANK YOU!

Plant a 9-minute tree → focus-app.salemkode.com

Judge guide focus.salemkode.com/#blaze · Source github.com/salemkode/focus-garden-next

EMBER2026 votes: bitcoincash:zzxajy7s8h5qk0tajmr2rmus40ypcs9csvu8j9wgrd

A1. Mainnet transactions

Deployment (operator) — Done on Mainnet

Step	txid
Forest category prep	cb351f41 … 4ae1
Directory category prep	b4abb87c … 795b
Forest genesis (baton + 100 creator trees)	2d84dd8d … a68f
Directory genesis	9cd1a61b … 29b5
Forest BCMR publication	4e882f3a … a16a
Directory BCMR publication	948ee3d7 … be72

Judge path (app) — Pending

A2. Architecture

public Electrum → `packages/protocol` builder → app policy check, signing and BCH VM check → broadcast.

Signers: XO-engine wallet on iPhone and Android, single-key wallet in the browser.

Commitment (39 bytes):

```
05 | owner pkh (where the tree goes) | planter tag (who planted) |
stamp | units (lock length) | look (tier × 16 + species)
```

On-chain tiers: Sprout (≥1 unit, 8.5 min) · Tree (≥3) · Big tree (≥6) · House (≥11); 3 sprouts → tree, 2 trees → big tree, 2 big trees → house.

A3. What was built during BLAZE

Nov 2025 (BLAZE 2025): Crypto Focus Garden: Next.js web dApp, one Chipnet contract with a relaxed time check. Public.

9–13 Nov 2026 (before kickoff): a private Expo prototype reusing the 2025 contract on Chipnet (9–10 Nov); the React Native Libauth adapter started (13 Nov, public repo).

14–22 Nov 2026 (BLAZE): the FocusForest and FocusDirectory contracts and their mainnet deployment with BCMR; the Expo app for iPhone, Android and the web; on-device transaction building; WizardConnect and WalletConnect linking; leaderboard, profiles and tips; the web fee wallet and the banner.

Everything since 2025