Control FLow

9. Credit NFT Escrow

18. Credit Owner's Car NFT

17. Debit NFT Escrow

8. Debit Owner's Car NFT

16. CPI: Return NFT

12. CPI: Refund & Payout

7. CPI: Transfer NFT

4. CPI: Transfer USDC

2. Creates/Updates State

6. Credit Financial Escrow / 13. Debit Financial Escrow

14. Credit Owner Wallet (Fee)

1. list_car()

3. book_rental()

11. end_rental()

Clockwork (On-chain Timer)

10. Updates State: 'rented'

5. Debit Renter Wallet (Deposit + Fee)

15. Credit Renter Wallet (Deposit)

19. Updates State: 'available'

NFT Escrow Account «PDA»

Car NFT «NFT»

Financial Escrow «PDA»

SPL Token Program

Owner Wallet

Rental Program

Rental State Account «PDA»

Renter Wallet

Symbol	Description
.. Actor ..	User or external role
.. Rectangle ..	On-chain Solana Program
.. Database ..	Solana Account (Wallet, PDA, Token)
.. Hexagon ..	On-chain Automation Service
->	Instruction Call / Data Flow
..>	Cross-Program Invocation (CPI)