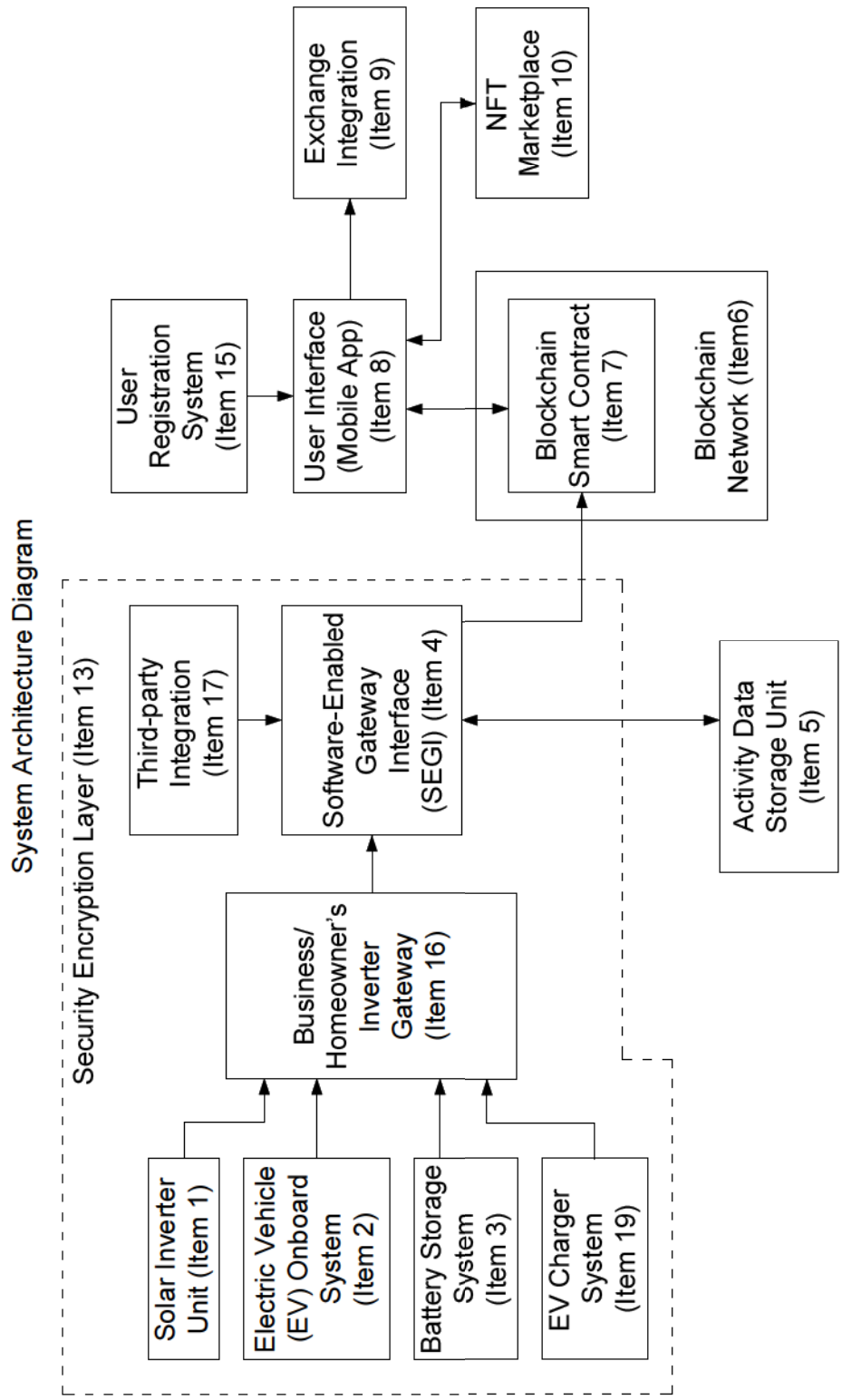
System Architecture Diagram
Security Encryption Layer (Item 13)
Solar Inverter Unit (Item 1)
Electric Vehicle (EV) Onboard System (Item 2)
Battery Storage System (Item 3)
EV Charger System (Item 19)
Business/ Homeowner's Inverter Gateway (Item 16)
Third-party Integration (Item 17)
Software-Enabled Gateway Interface (SEGI) (Item 4)
Activity Data Storage Unit (Item 5)
Blockchain Network (Item6)
Blockchain Smart Contract (Item 7)
User Registration System (Item 15)
User Interface (Mobile App) (Item 8)
Exchange Integration (Item 9)
NFT Marketplace (Item 10)

FIG. 1

Process Flowchart

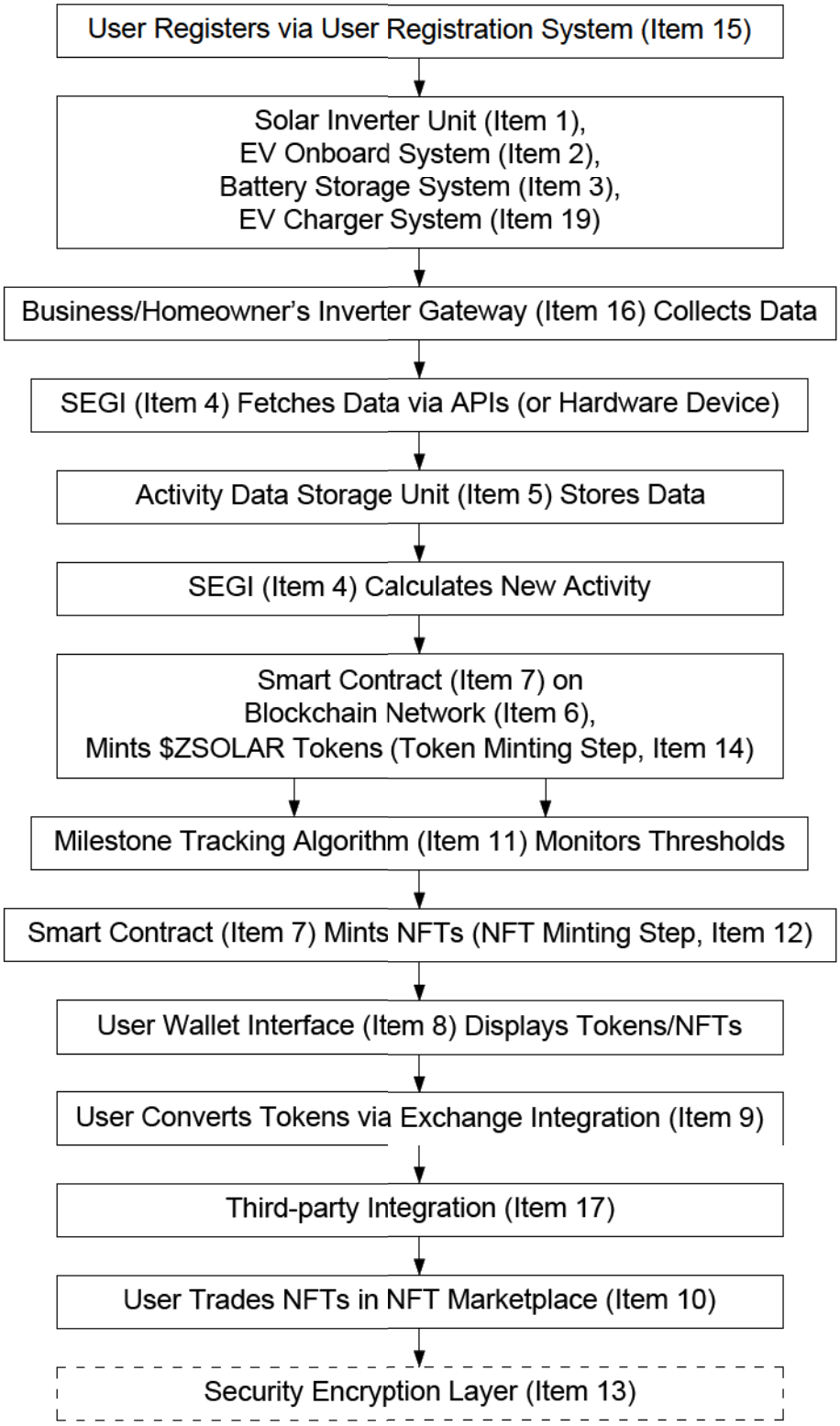

FIG. 2

ZenSolar Dashboard

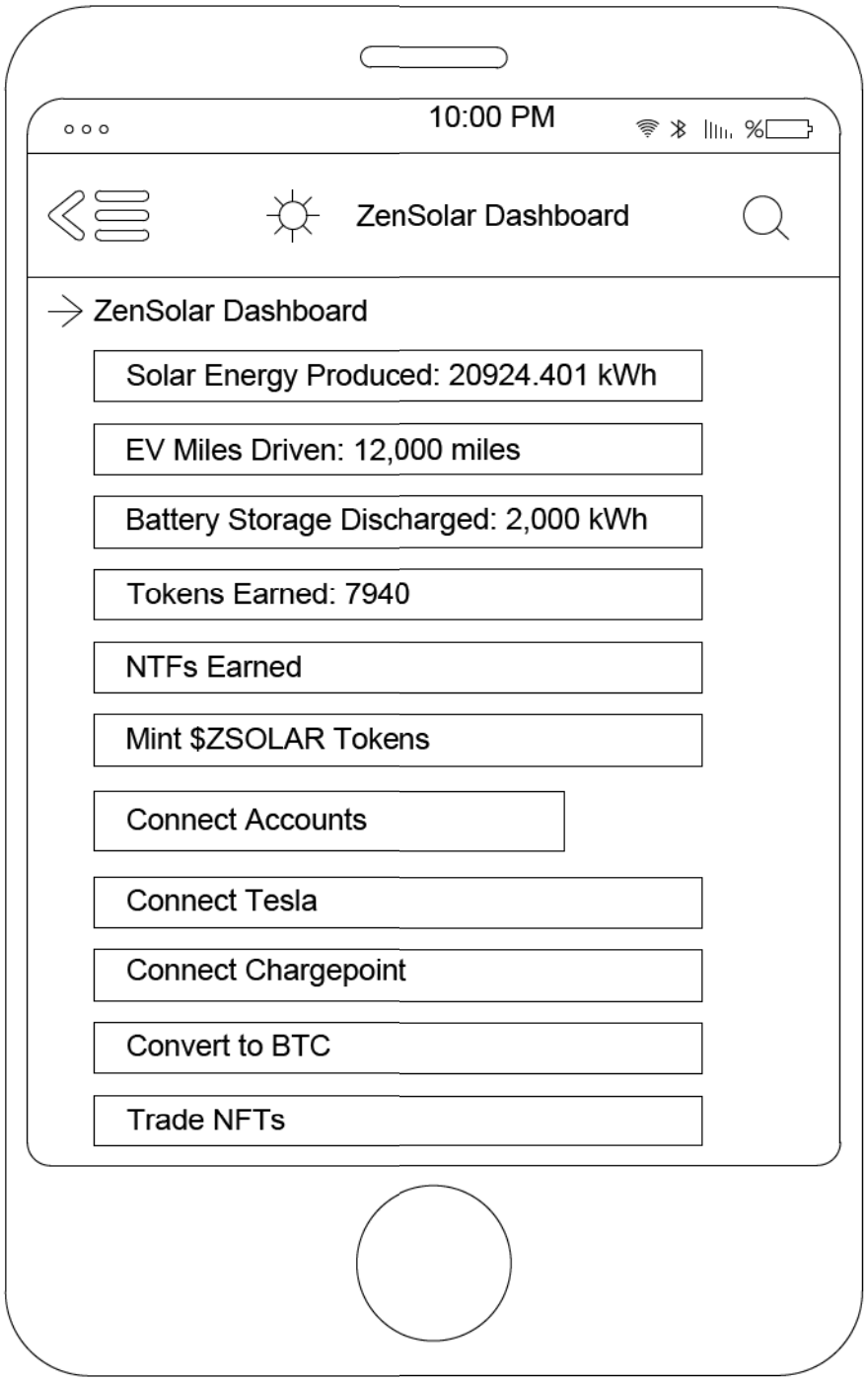

FIG. 3