

Elevator Pitch

When civilians become victims of hybrid warfare, their deaths often go unrecognized. Our app allows families to request the presence of off-duty or ex-service personnel in uniform to salute at funerals — transforming mourning into both dignity and silent protest. Funded by a subscription pool, the system fairly redistributes payments to families (funeral assistance) and uniformed personnel (travel stipends) using market-style allocation methods, all under zero-knowledge validation.

Project Mandate / Brief

Objective: - Provide ceremonial recognition to civilian victims of hybrid/state warfare. - Enable off-duty or ex-service personnel to honor these civilians in uniform. - Ensure fair, sustainable, and privacy-preserving allocation of funds.

Scope: - Family registration and subscription management. - Uniformed personnel registration, roster, and availability tracking. - Funeral request submission and validation using zero-knowledge proofs. - Automated fund allocation based on VWAP/TWAP-style calculations.

Key Features: - Subscription-based funding pool. - Private and auditable validation of claims. - Matching algorithm to pair families with available uniformed personnel. - Transparent, fair redistribution of funds for funeral costs and travel stipends.

Business Case

Problem: - Civilian victims of state or hybrid warfare lack formal recognition. - Families often incur financial burdens for funeral expenses. - Uniformed personnel wishing to honor civilians lack a structured, supported system.

Solution: - Subscription pool funded by families and supporters. - Automated redistribution system using market-style allocation to balance supply (uniformed personnel) and demand (families). - Privacy-preserving verification ensures legitimacy without disclosing sensitive data.

Revenue Model: - Monthly subscription fees from families. - Optional sponsorship or donation tiers. - Redistribution ensures both families and uniformed personnel are compensated appropriately.

Financial Mechanics: - VWAP/TWAP-style allocation calculates fair fund distribution. - Funds are split dynamically based on supply-demand ratios. - Stipends and funeral support scale automatically with pool size and event demand.

Whitepaper / Technical Overview

User Groups: 1. Families: Submit funeral requests and subscription payments. 2. Uniformed Personnel: Register availability and receive travel stipends.

Process Flow: 1. Family submits funeral request via app. 2. System verifies death (certified), claim validity, and authentic uniformed personnel availability via zero-knowledge proofs. 3. Matching engine pairs request with available personnel. 4. Funds from subscription pool are allocated: - Family funeral support. - Travel and honorarium for uniformed personnel. - Allocation uses VWAP/TWAP to balance fairness and stability. 5. Both parties confirm attendance and completion; transaction is settled.

Security & Privacy: - Zero-knowledge proofs for validation. - Encrypted data storage. - Auditable, but identities remain private.

Technology Stack: - App: Web + Mobile frontend. - Backend: Encrypted databases, smart contracts for fund allocation. - Matching engine: Market-style VWAP/TWAP calculation. - Validation: Zero-knowledge cryptography.

Benefits: - Families receive financial and ceremonial support. - Uniformed personnel gain structured opportunities to honor civilians. - Transparent, fair, privacy-preserving system ensures credibility and sustainability.

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