Graduation Vault — Roles & Guard Manifest v1

This document defines the **canonical proposer / approver / executor rules** and **transaction enforcement policies** for a Graduation Vault Safe using **SAFE + Zodiac**.

This manifest is designed to be applied using the **Zodiac Safe App** and associated Zodiac modules. It is intentionally conservative and institution-ready.

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1. Signer Roles (4 Total)

Role ID	Description	Notes
PARENT	Parent or Legal Guardian	**Mandatory signer for any outbound transfer**
SCHOOL	School Representative	Operational proposer
STAFF	Teacher, Counselor, or Staff	Student-centered oversight
TRUSTEE	Independent Trustee / Community Oversight	Governance anchor

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2. Vault States

The vault operates under a strict state machine:

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CREATED → ACTIVE → LOCKED → GRADUATION_ELIGIBLE → TRANSFERRED
```

State transitions are enforced via **Transaction Guards** and optional **timelock logic**.

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3. Action Classes

Zodiac policies are applied across four action classes:

1. Inbound Donations (permissionless)
2. Graduation Withdrawals
3. Emergency / Hardship Withdrawals
4. Configuration Changes

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4. Graduation Withdrawal Rules (Standard Path)

Proposers

The following roles may create a graduation withdrawal proposal:

- PARENT
- SCHOOL
- STAFF
- TRUSTEE

Approvers

- All four signers may approve

Threshold

- **3-of-4 required**
- **PARENT signature is mandatory**

Destination Constraint

Graduation withdrawals may only be executed to:

- A **Student + Parent joint SAFE** created as part of the graduation handoff

Direct transfers to EOAs or third-party wallets are blocked.

Timing Constraint

- Graduation withdrawal proposals are **blocked** until the vault enters `GRADUATION_ELIGIBLE`

Executor

- PARENT or TRUSTEE

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5. Emergency / Hardship Withdrawal Rules (Exception Path)

Proposers

- PARENT
- TRUSTEE

Approvers

- **4-of-4 required (full consensus)**

Constraints

- Withdrawal amount must be explicitly specified
- Optional maximum withdrawal cap may be enforced
- Destination must be an approved hardship address

Executor

- PARENT or TRUSTEE

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6. Configuration Change Rules

Configuration changes include: - Adding or removing signers - Changing signer thresholds - Adding or removing Zodiac modules - Adding, removing, or modifying Guards

Proposers

- TRUSTEE

Approvers

- **4-of-4 required**

State Constraints

Vault State	Configuration Changes
CREATED	Allowed
ACTIVE	Allowed (restricted)
LOCKED	**Blocked**
GRADUATION_ELIGIBLE	**Blocked**
TRANSFERRED	Blocked

Signer replacement during ACTIVE is allowed **only** for key loss or role turnover and must retain the 4-role model.

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7. LOCKED State Enforcement

When the vault enters `LOCKED`:

- ❌No signer changes
- ❌No threshold changes
- ❌No module or guard changes

- ❌ No outbound transfers

Exception: - Emergency / Hardship withdrawals (4-of-4 only)

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8. Guard-Level Enforcement (Hard Rules)

The Transaction Guard MUST enforce the following:

- Block any outbound transfer without PARENT approval
- Block any outbound transfer before `GRADUATION_ELIGIBLE`
- Block transfers to non-approved destinations
- Block configuration changes in LOCKED and later states
- Block signer removal that would eliminate PARENT role

Guards override Roles permissions if a rule is violated.

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9. Non-Custodial Assertion

At no point does this manifest grant SD Advisory Group, Self-Defi, or any implementation partner:

- Signing authority
- Proposal authority
- Execution authority

All authority remains with the defined signer roles.

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10. Versioning

- Version: v1.0
- Status: Production-ready baseline
- Changes require governance approval and documentation

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11. Implementation Note

This manifest is intended to be implemented using:

- SAFE Smart Accounts
- Zodiac Roles Modifier
- Zodiac Transaction Guard
- Zodiac Safe App

No fork of SAFE or Zodiac contracts is required.