SINGLE COHORT FLOWCHART

```
              ┌──────────────┐
              │   COHORT     │
              │   FACTORY    │
              └──────┬───────┘
                     │
                     ▼
              ┌──────────────┐
              │  INDIVIDUAL  │
              │    COHORT    │
              └──┬────────┬──┘
          ┌──────┘        └──────┐
          ▼                      ▼
  ┌──────────────┐      ┌─────────────────────────────────┐
  │              │      │  ┌────────────┐  ┌────────────┐  │
  │   STUDENT    │      │  │   FINAL    │  │ ATTENDANCE │  │
  │  TRANSCRIPT  │      │  │ CERTIFICATE│  │ NFT (1155) │  │
  │   CONTRACT   │      │  │  NFT (721) │  │            │  │
  │              │      │  └────────────┘  └────────────┘  │
  └──────────────┘      └─────────────────────────────────┘
```
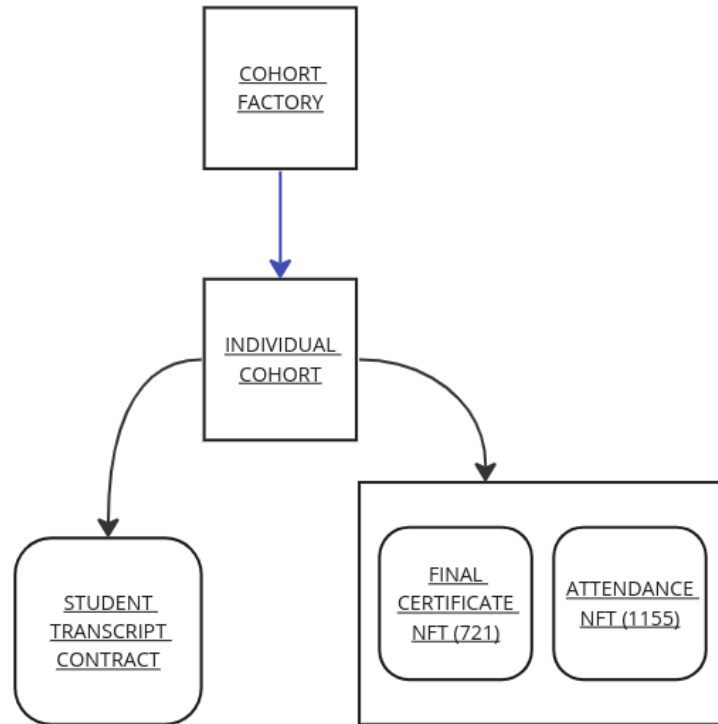
miro

COMPLETE ECOSYSTEM FLOWCHART

| STUDENT TRANSCRIPT CONTRACT | | FINAL CERTIFICATE NFT (721) | ATTENDANCE NFT (1155) |

INDIVIDUAL COHORT

TRANSCRIPT RECORD FACTORY

COHORT FACTORY

CERTIFICATE FACTORY

INDIVIDUAL COHORT

STUDENT TRANSCRIPT CONTRACT

FINAL CERTIFICATE NFT (721)

ATTENDANCE NFT (1155)
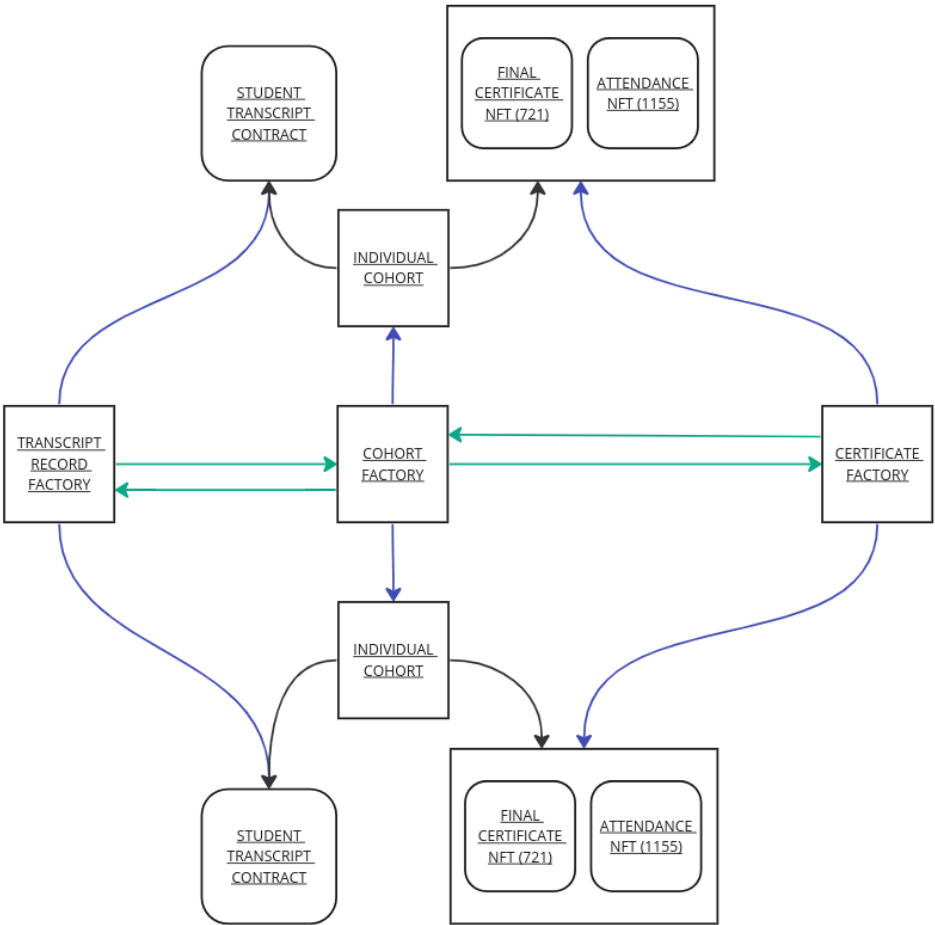
KEY

→ DEPLOYMENT OF NEW CONTRACT FROM FACTORY

→ EXTERNAL CALL FROM THE MAIN COHORT FACTORY TO THE TWO OTHER FACTORIES TO SIGNAL DEPLOYMENT OF NEW CHILDREN CONTRACTS.

→ REGULAR EXTERNAL CALLS BETWEEN CONTRACTS TO EXECUTE CERTAIN FUNCTIONALITIES OR COLLECT/ EDIT DATA.