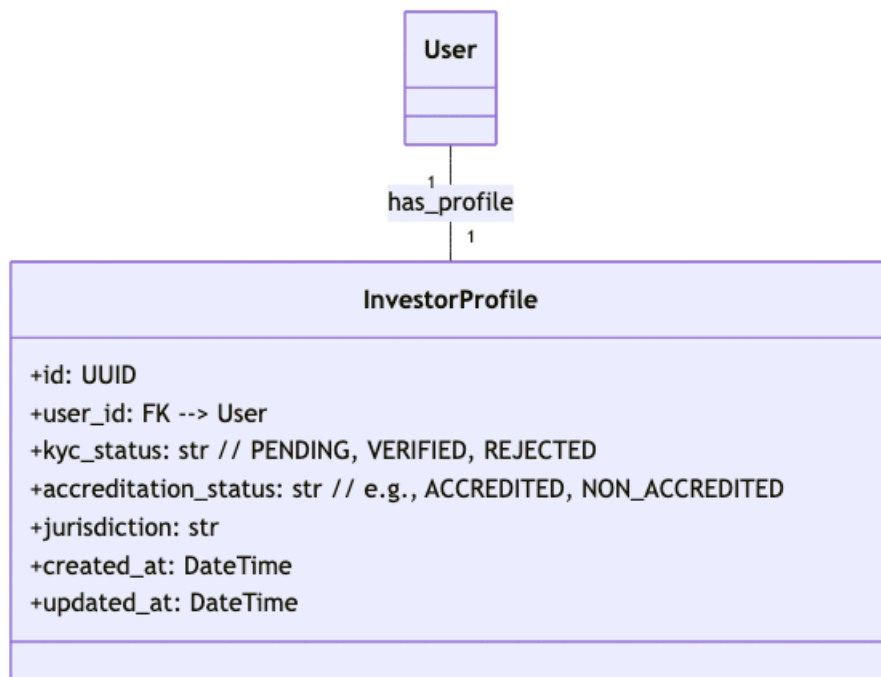## Phase 5: Regulated Investment + Enterprise + Government Layer
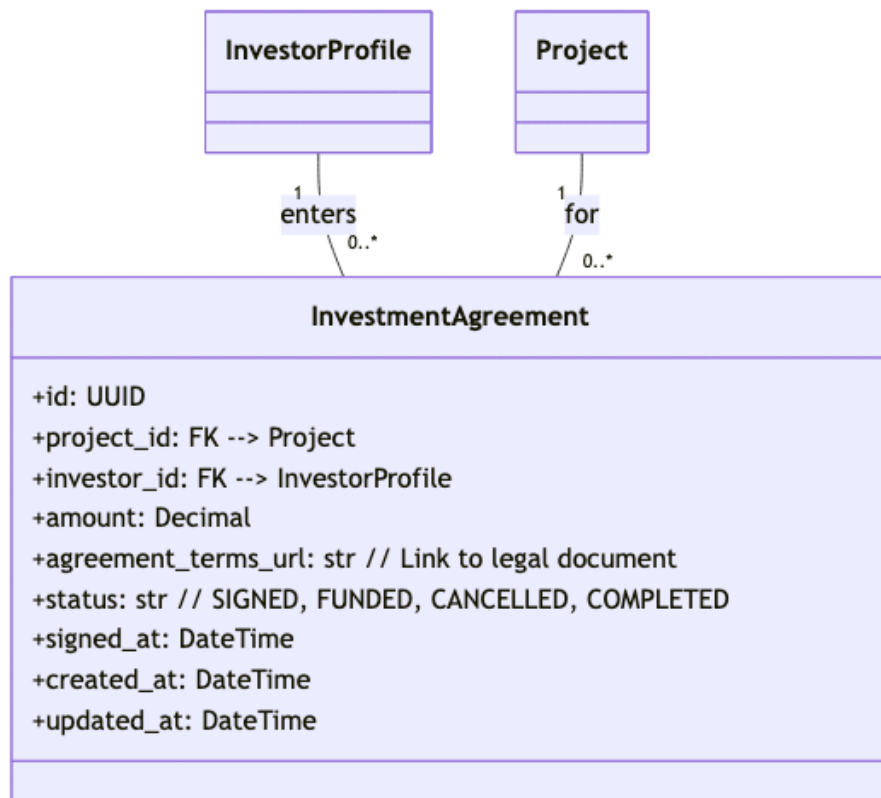
Overview: This critical phase solidifies the platform's role as institutional infrastructure by introducing regulated investment flows, specialized features for enterprise procurement, and compliance-driven modules for government tendering. It emphasizes robust identity verification and financial governance.

Core Entities:

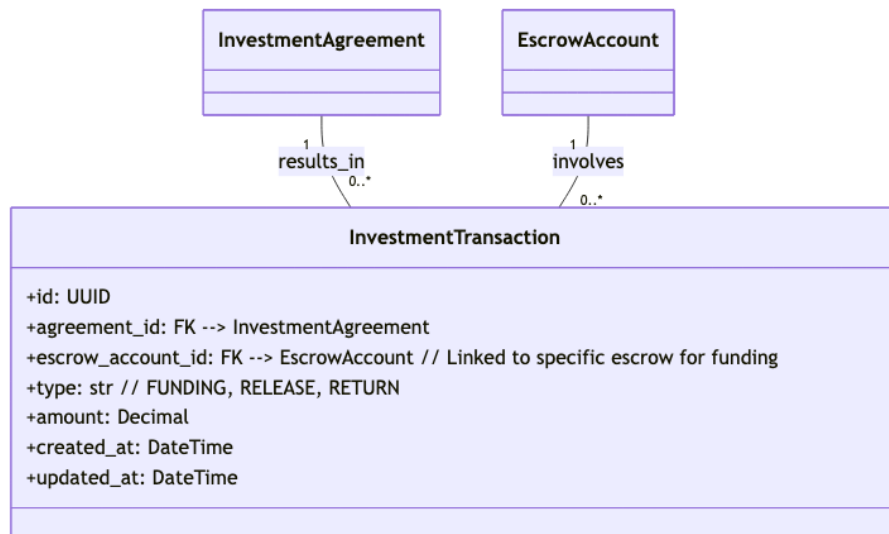**5.1. Investor Profile (`investor_profile`)** Extends the base `User` model for individuals or entities participating in regulated investment activities. It includes fields for KYC/AML status and accreditation, essential for compliance.

5.2. Investment Agreement (`investment_agreement`) Represents a legally binding contract between an `InvestorProfile` and a `Project`, formalizing the funding commitment initiated in Phase 4.

```
       InvestorProfile              Project
       ┌──────────────┐         ┌──────────┐
       │              │         │          │
       ├──────────────┤         ├──────────┤
       │              │         │          │
       └──────────────┘         └──────────┘
              │1                     │1
            enters                  for
              0..*                    0..*
```

InvestmentAgreement

+id: UUID
+project_id: FK --> Project
+investor_id: FK --> InvestorProfile
+amount: Decimal
+agreement_terms_url: str // Link to legal document
+status: str // SIGNED, FUNDED, CANCELLED, COMPLETED
+signed_at: DateTime
+created_at: DateTime
+updated_at: DateTime

5.3. Investment Transaction (`investment_transaction`) Records the actual movement of capital corresponding to an `InvestmentAgreement`, often linked directly to `EscrowAccount`s for secure deployment.

5.4. Investor Report (`investor_report`)   Provides periodic performance summaries and updates to `InvestorProfile`s regarding their investments in specific `Project`s.

```
┌─────────────────────┐       ┌─────────────────────┐
│   InvestorProfile   │       │      Project        │
├─────────────────────┤       ├─────────────────────┤
│                     │       │                     │
├─────────────────────┤       ├─────────────────────┤
│                     │       │                     │
└─────────────────────┘       └─────────────────────┘
           │ 1                            │ 1
        receives                      reports_on
            \ 0..*                        / 0..*
```

┌───┐
│   InvestorReport   │
├───┤
│   │
│ +id: UUID   │
│ +project_id: FK --> Project   │
│ +investor_id: FK --> InvestorProfile   │
│ +report_period: str // e.g., "Q1-2026"   │
│ +performance_summary: TextField   │
│ +created_at: DateTime   │
│ +updated_at: DateTime   │
│   │
├───┤
│   │
└───┘