

Consolidated Construction Marketplace Database Schema

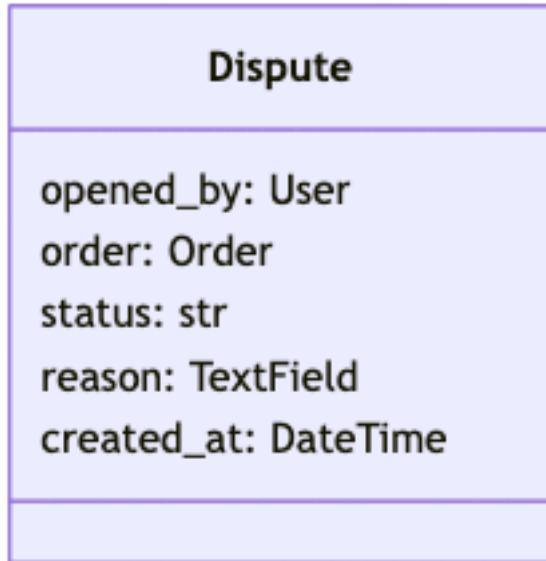
This document provides a consolidated view of the database schema across all phases of the Construction Marketplace platform.

Phase 1: Materials Liquidity Engine (Core Marketplace & Payments)

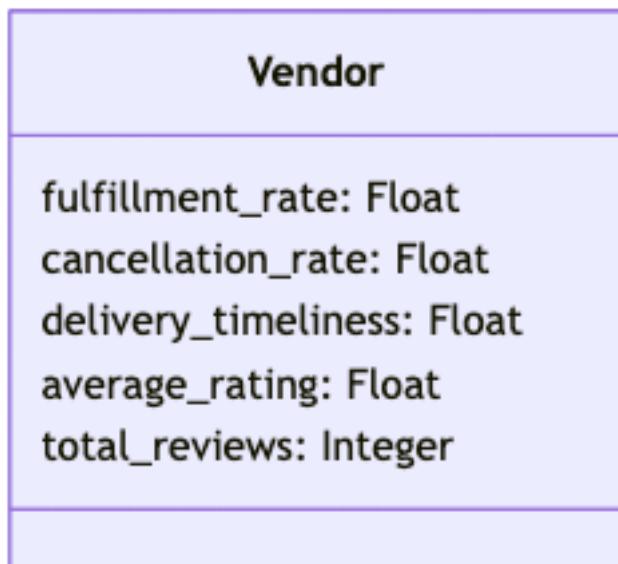
Payment Model

Payment
<code>order: ForeignKey</code> <code>provider: str</code> <code>amount: Decimal</code> <code>status: str</code> <code>transaction_reference: str</code> <code>paid_at: DateTime</code>

Dispute Model



Vendor Performance & Trust Signals (Part of Vendor Profile)

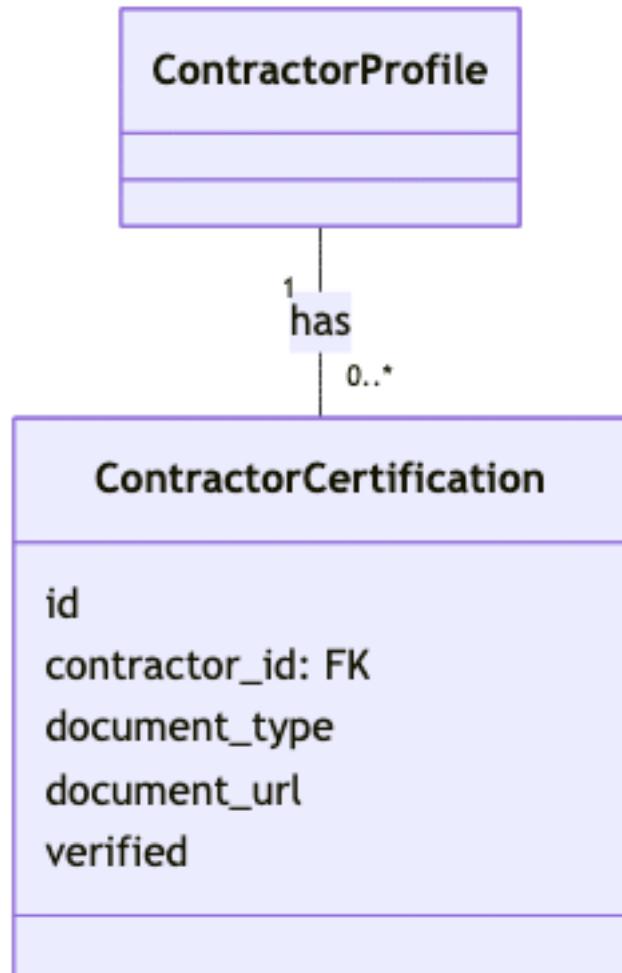


Phase 2: Contractor + Contracts Execution Layer

Contractor Profile (contractors_contractor)

ContractorProfile	
id	
user_id:	FK --> accounts_user
company_name	
service_categories	
operating_region	
verified_status	
rating_avg	
created_at	

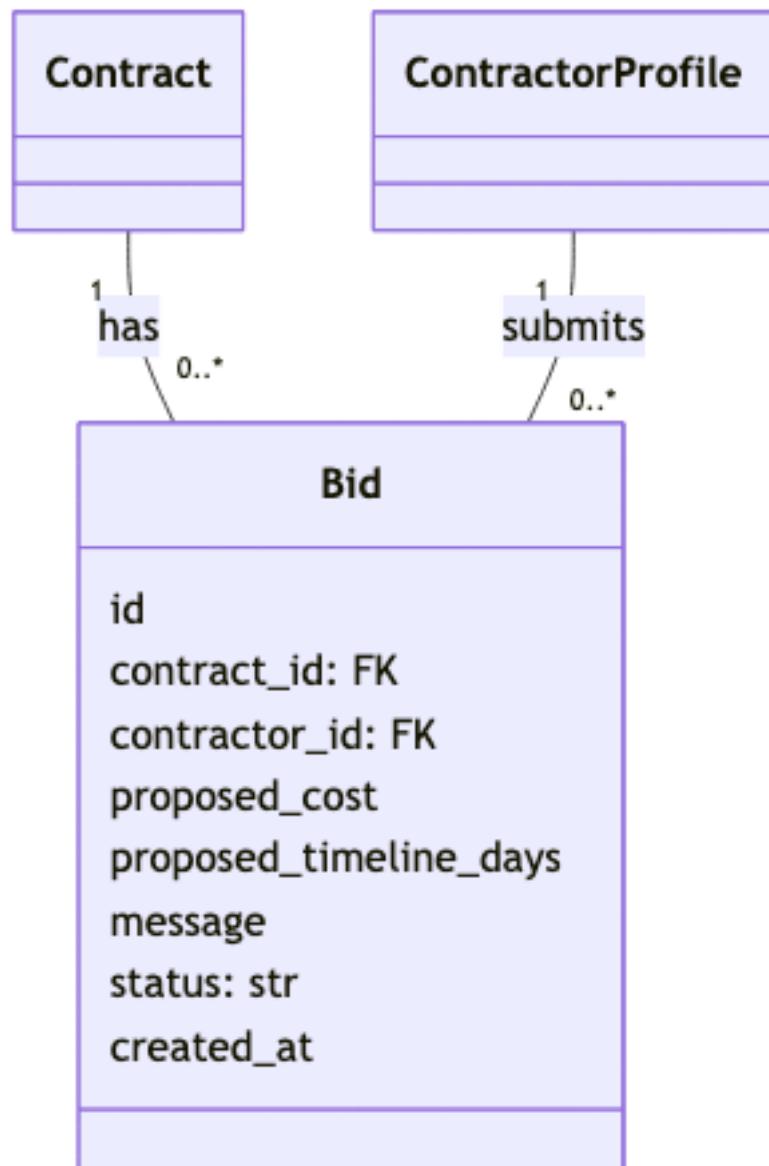
Contractor Certifications (contractors_certification)



Contract (contracts_contract)

Contract
id owner_id: FK --> accounts_user title description_scope location budget_min budget_max status: str created_at

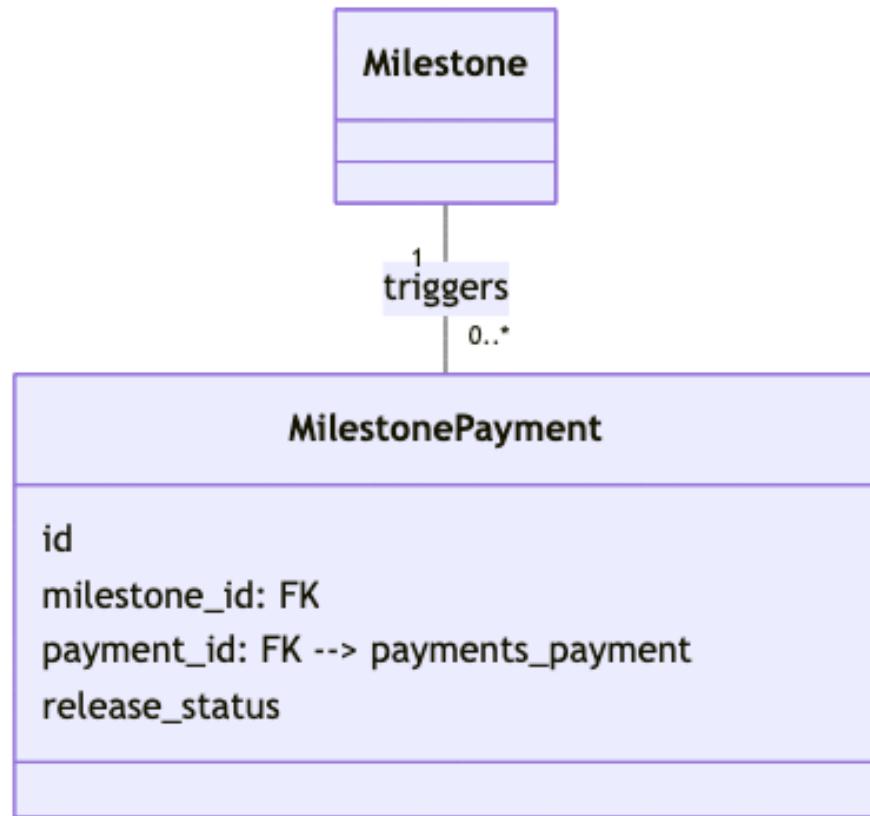
Bid (contracts_bid)



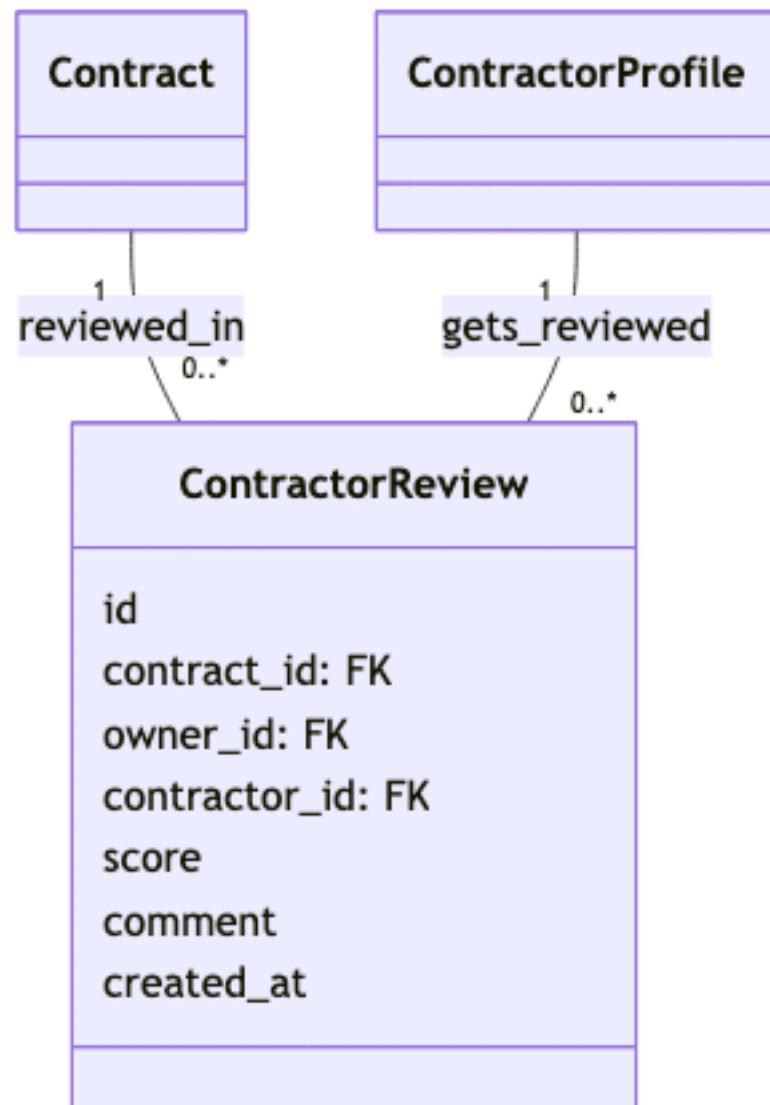
Milestone (`contracts_milestone`)



Milestone Payment (payments_milestone_payment)

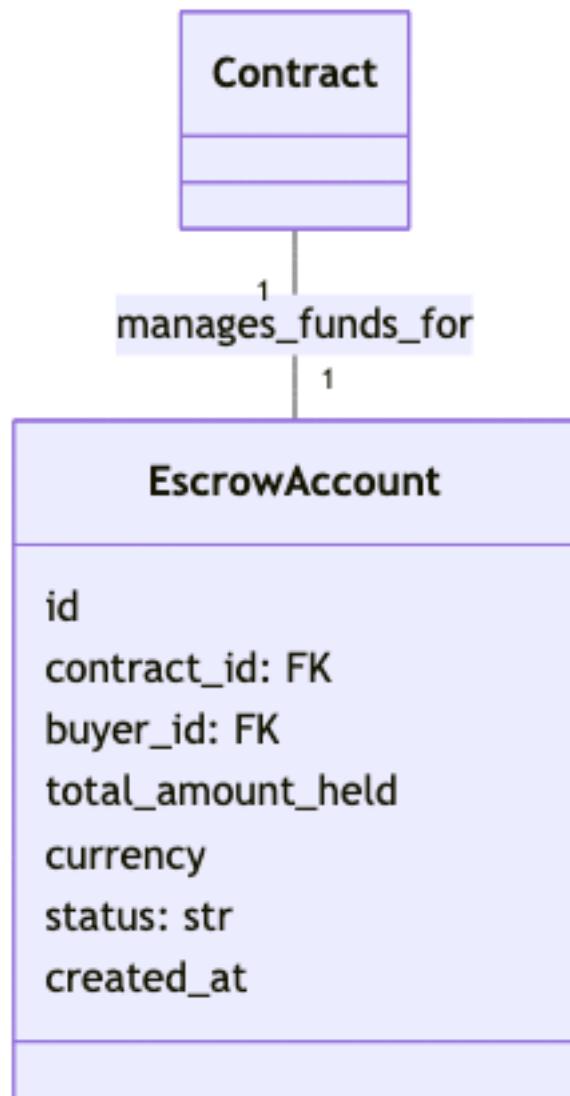


Contractor Review (reviews_contractor_rating)

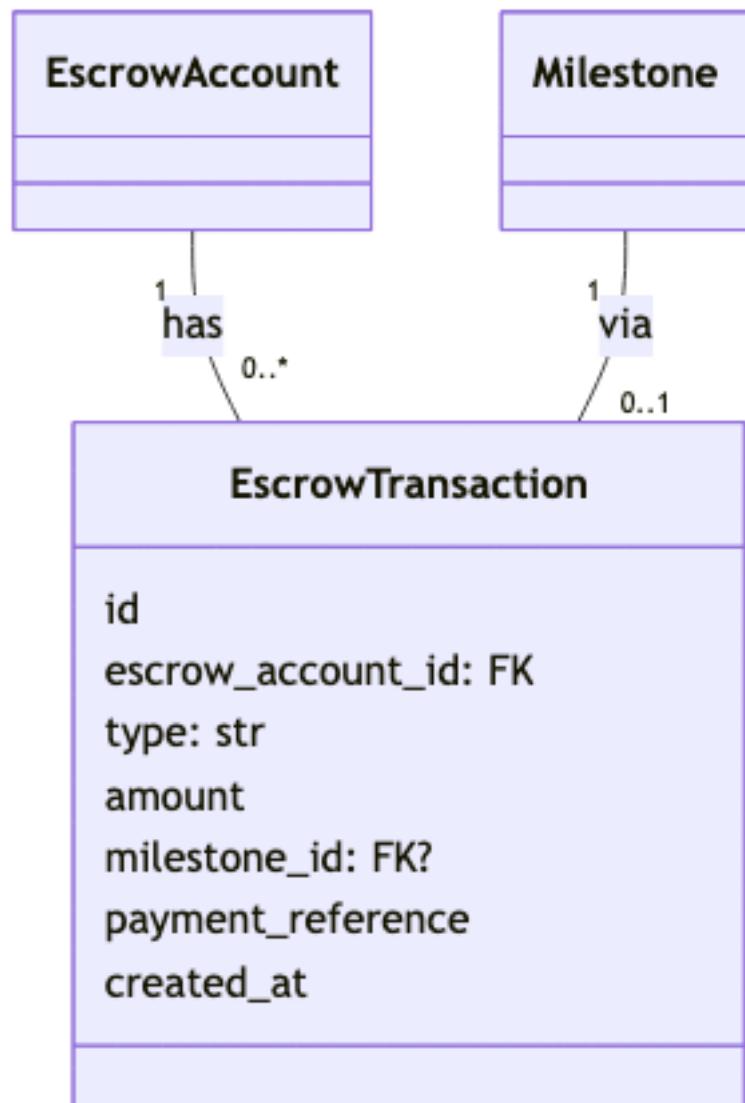


Phase 3: Escrow + Embedded Finance Layer

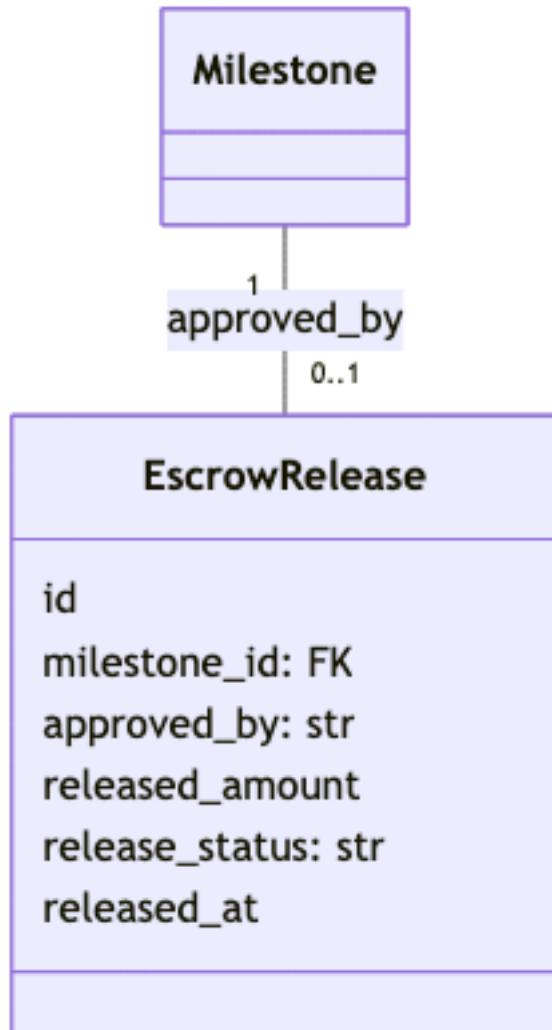
Escrow Account (escrow_account)



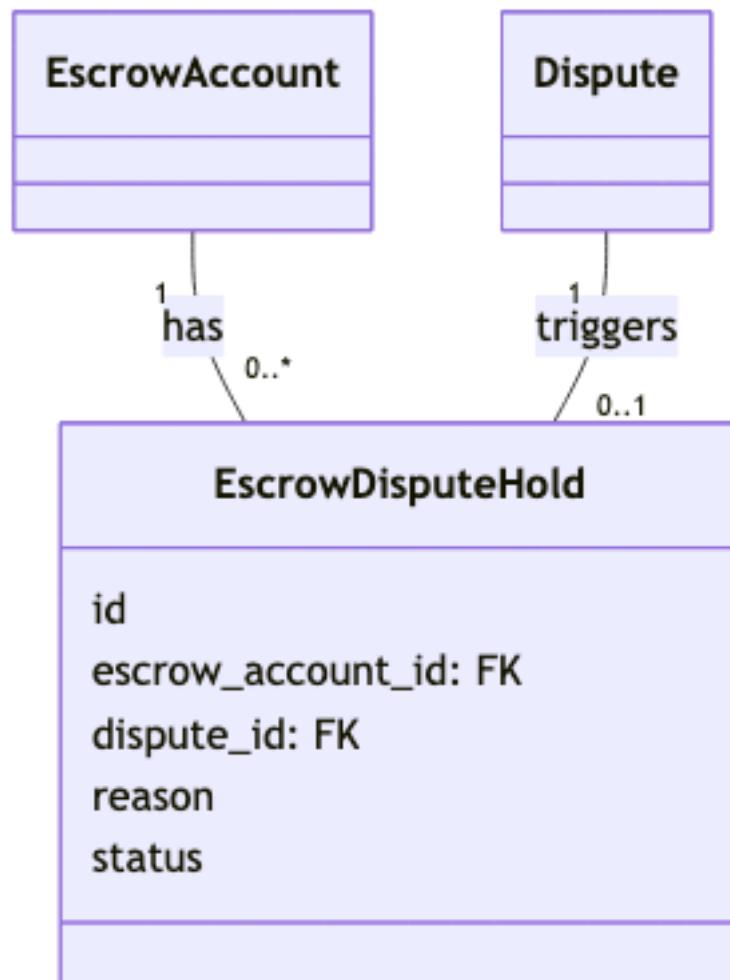
Escrow Transaction (escrow_transaction)



Escrow Release (escrow_release)



Escrow Dispute Hold (escrow_hold)

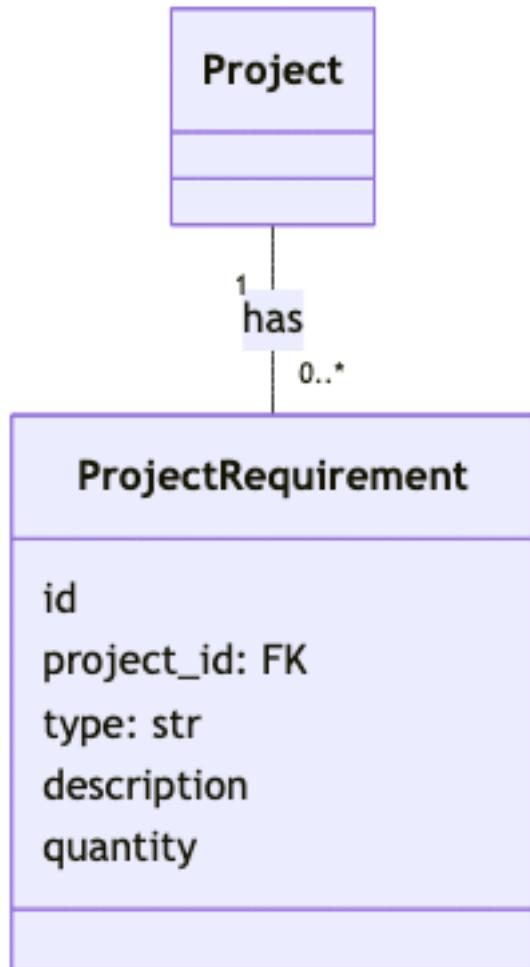


Phase 4: Projects + Property + Capital Pipeline

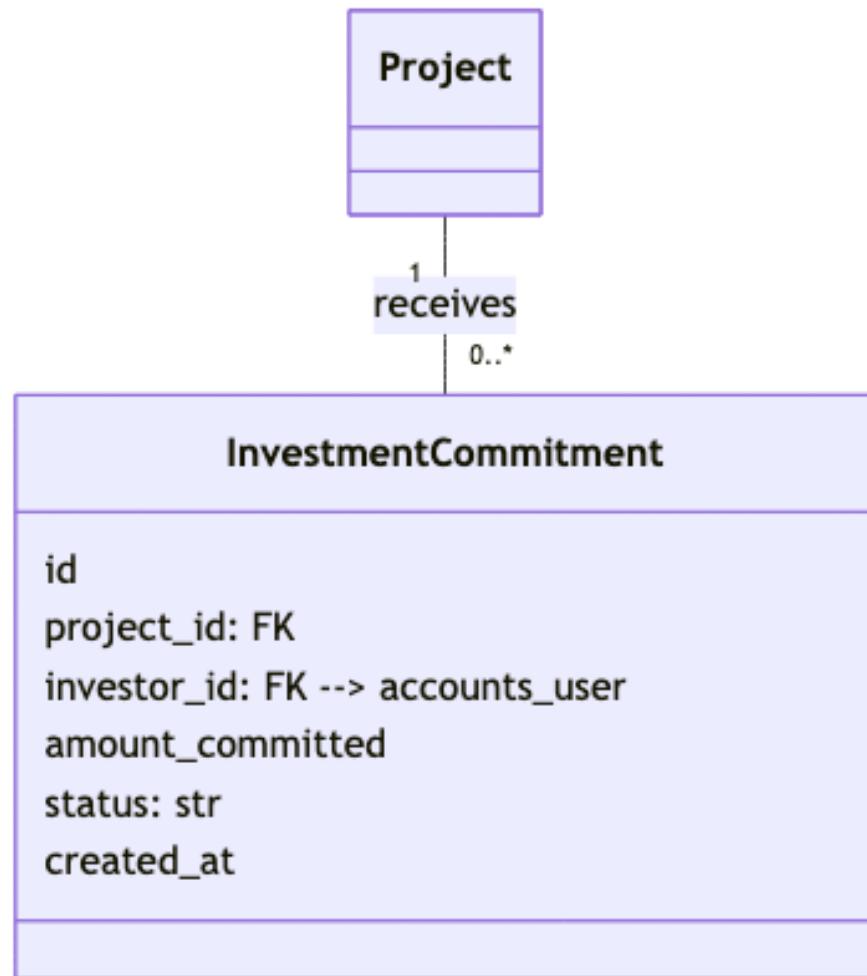
Project (projects_project)

Project	
<code>id</code>	
<code>owner_id: FK --> accounts_user</code>	
<code>title</code>	
<code>description</code>	
<code>location</code>	
<code>estimated_budget</code>	
<code>funding_required: boolean</code>	
<code>status: str</code>	
<code>created_at</code>	

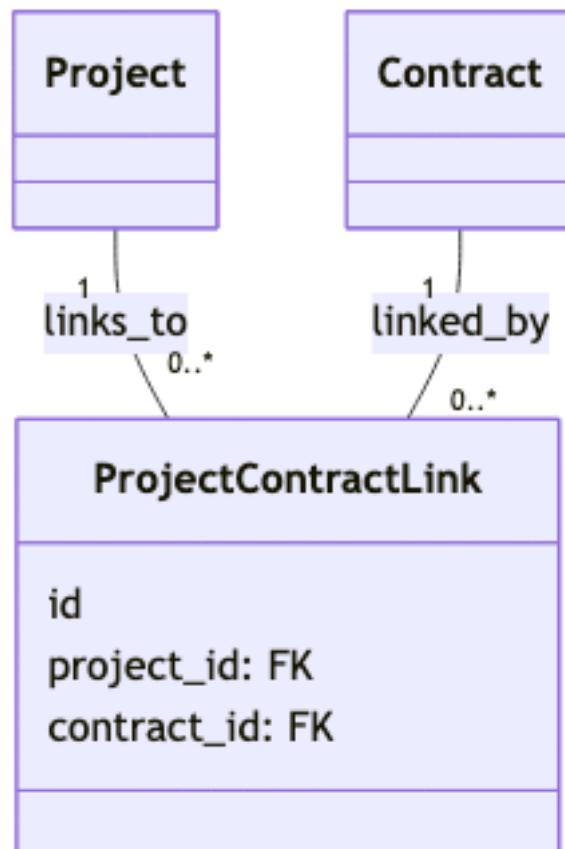
Project Requirement (projects_requirement)



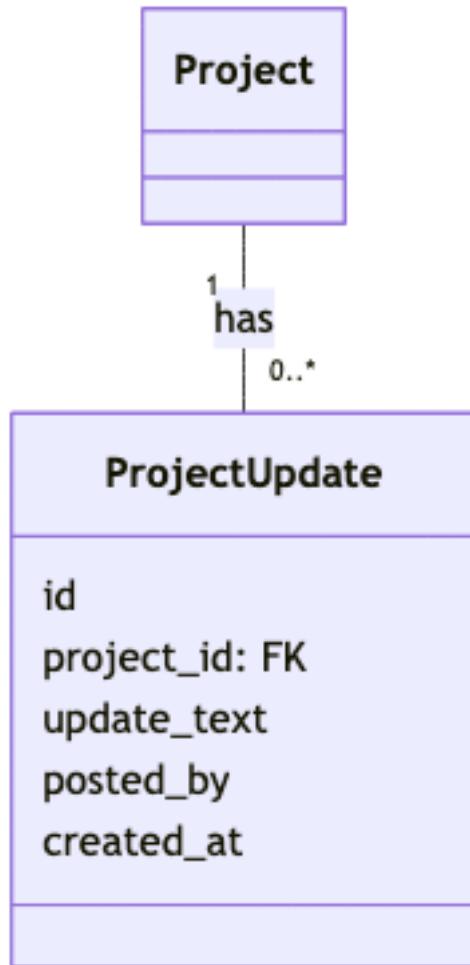
Investment Commitment (projects_investment_commitment)



Project Contract Link (`projects_project_contract`)



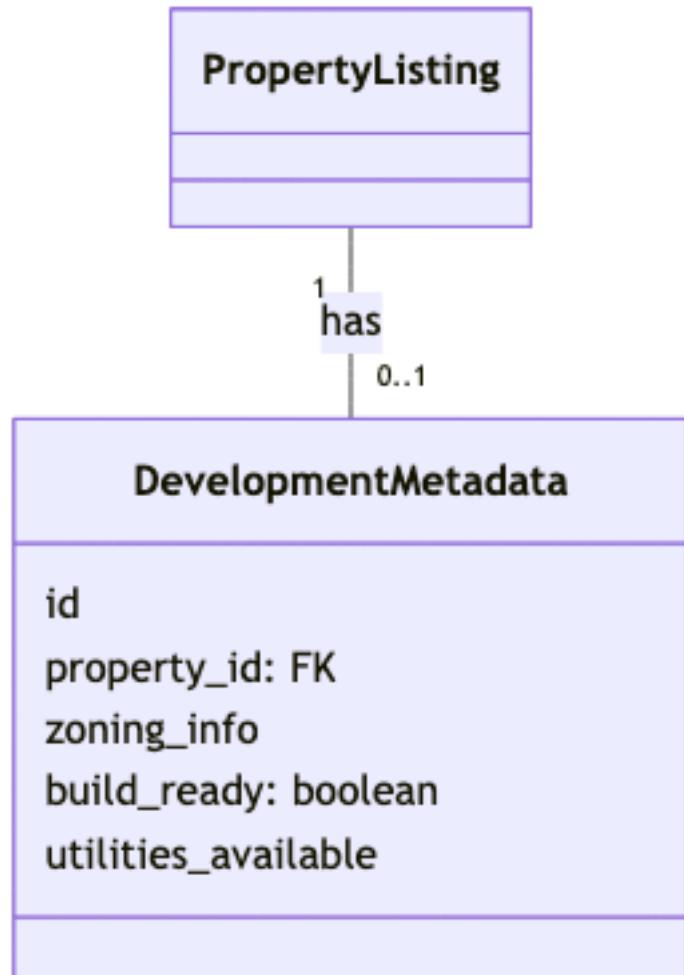
Project Update (projects_update)



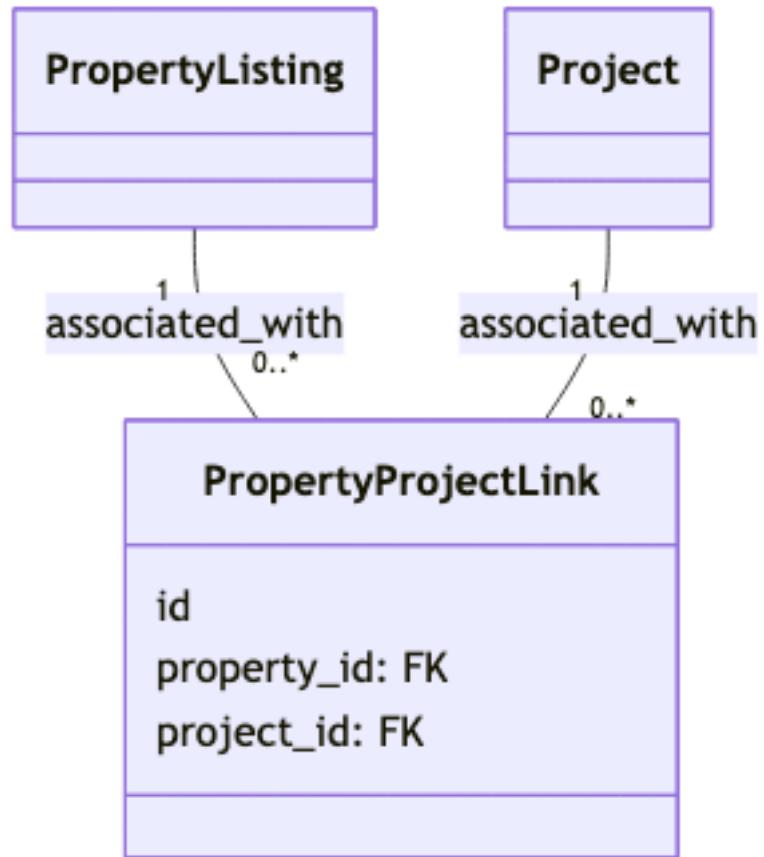
Property Listing (property_listing)

PropertyListing	
id	
owner_id:	FK --> accounts_user
title	
description	
location	
asset_type:	str
price_estimate	
status:	str
created_at	

Development Metadata (property_development)



Property Project Link (property_project_link)

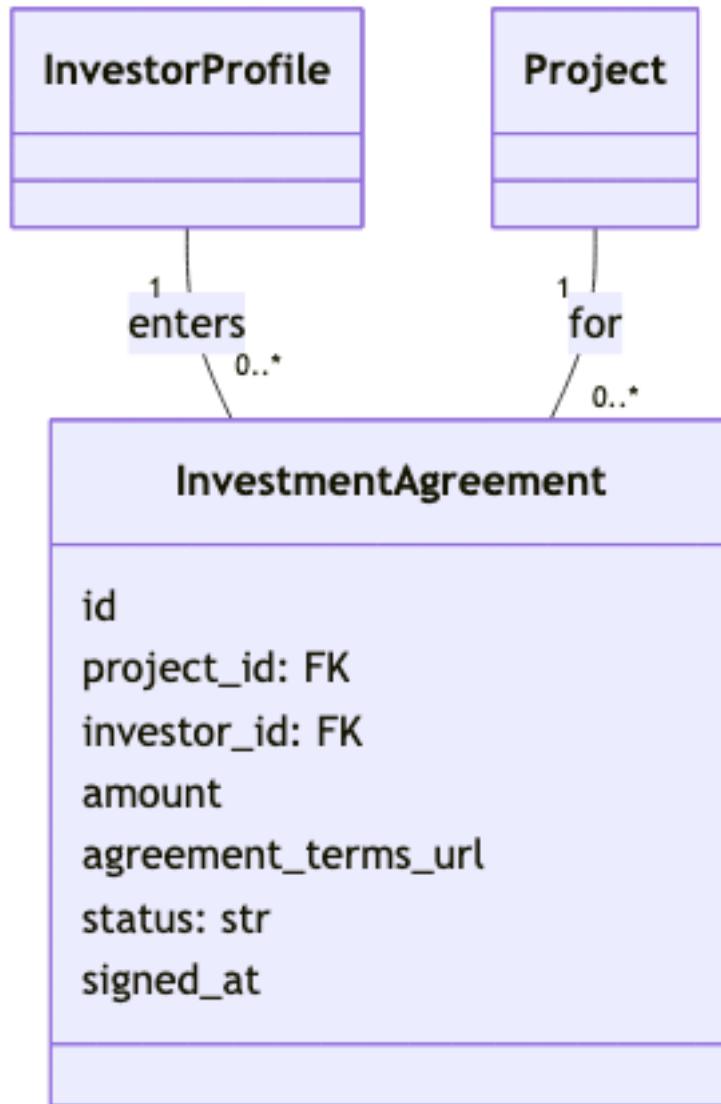


Phase 5: Regulated Investment + Enterprise + Government Layer

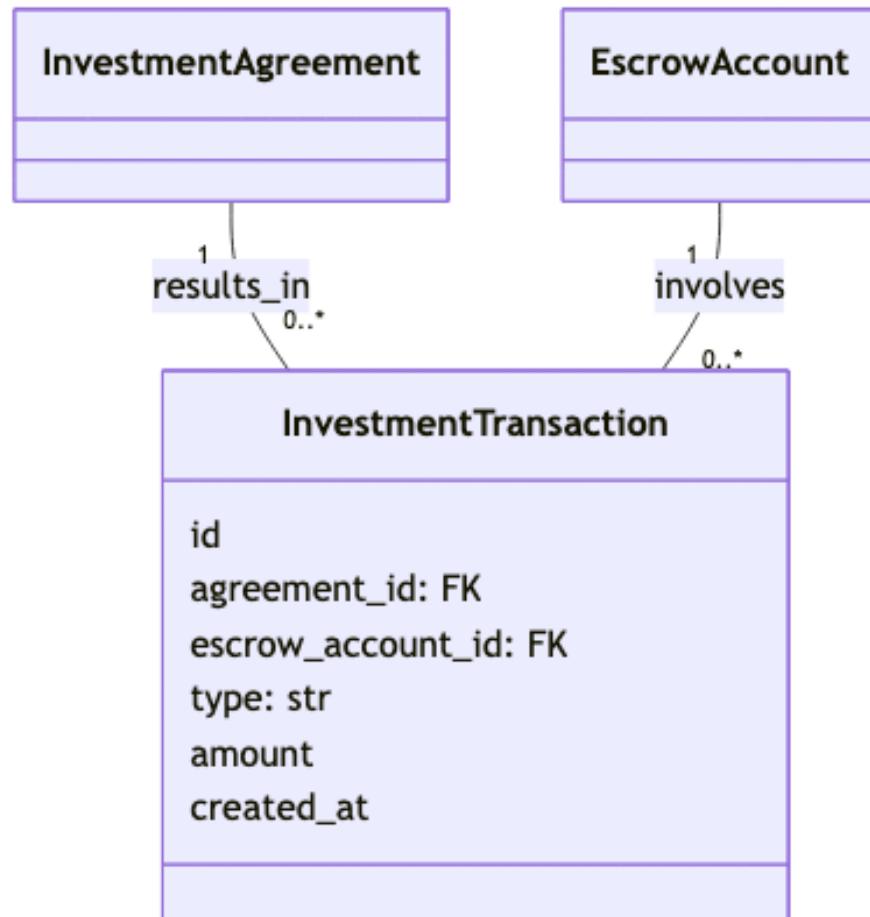
Investor (investor_profile)

InvestorProfile	
<code>id</code>	
<code>user_id: FK --> accounts_user</code>	
<code>kyc_status: str</code>	
<code>accreditation_status</code>	
<code>jurisdiction</code>	
<code>created_at</code>	

Investment Agreement (`investment_agreement`)



Investment Transaction (investment_transaction)



Investor Report (`investor_report`)

