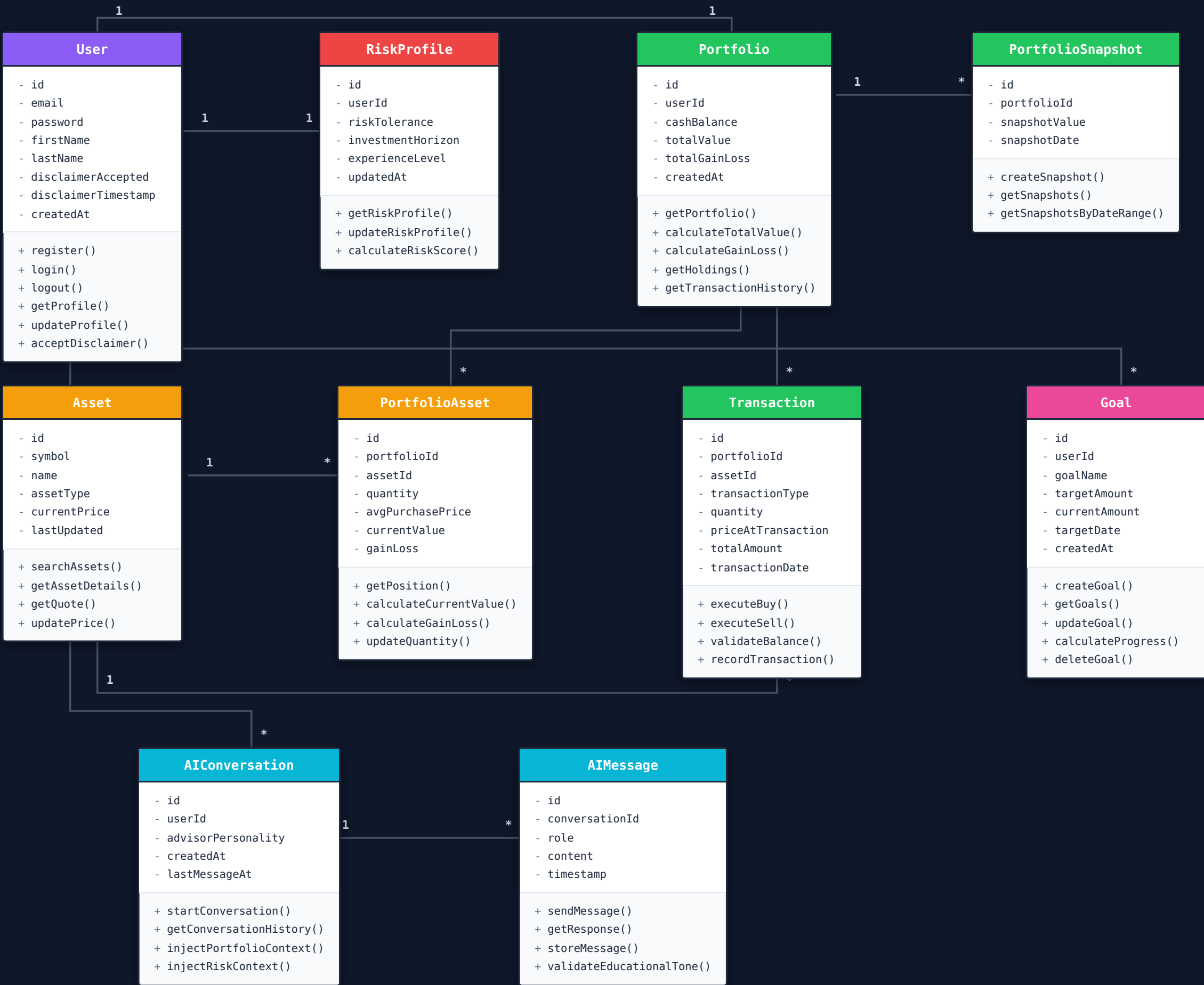


InvestEd — UML Class Diagram

Investment Learning Platform - Class Structure with Attributes & Methods



Legend

■ User Domain ■ Risk Profile ■ Portfolio Domain ■ Asset Domain ■ Goal Domain ■ AI Domain - Private + Public 1 — * One-to-Many 1 — 1 One-to-One

Class Relationships

- User** → **RiskProfile**: 1:1 — Each user has one risk assessment
- User** → **Goal**: 1:N — Users can create multiple financial goals
- Portfolio** → **PortfolioAsset**: 1:N — Portfolio contains multiple positions
- Portfolio** → **PortfolioSnapshot**: 1:N — Historical value tracking
- Asset** → **Transaction**: 1:N — Assets in transaction records
- User** → **Portfolio**: 1:1 — Each user has one paper money portfolio
- User** → **AIConversation**: 1:N — Users can have multiple chat sessions
- Portfolio** → **Transaction**: 1:N — All buy/sell activity logged
- Asset** → **PortfolioAsset**: 1:N — Assets held across portfolios
- AIConversation** → **AIMessage**: 1:N — Messages in each conversation