

APPLICATION TRADE ME

ARCHITECTURE LOGICIELLE

TRADE ME

- ▶ Plateforme pour trouver des ouvriers qualifiés (électricien, maçon, plombier, charpentier, etc) pour intervenir sur des projets de construction
- ▶ Des prestataires emploient des ouvriers qualifiés sur quelques jours ou quelques semaines pour des tâches spécifiques
- ▶ Les ouvriers peuvent venir et partir sur un même projet

TRADE ME

- ▶ La plateforme permet aux ouvriers qualifiés de s'enregistrer, d'afficher leurs compétences, leur zone géographique de disponibilité et leur taux journalier
 - ▶ Ils ne peuvent être employés directement sans un prestataire de service
- ▶ Certaines tâches peuvent exiger des certificats d'aptitudes

TRADE ME

- ▶ La plateforme permet aux prestataires de s'enregistrer et lister leurs projets
- ▶ Pour chaque projet, il est spécifié les métiers et les compétences requises, la localisation, les taux journaliers qu'il souhaite payer, la durée d'engagement, etc

USE CASE

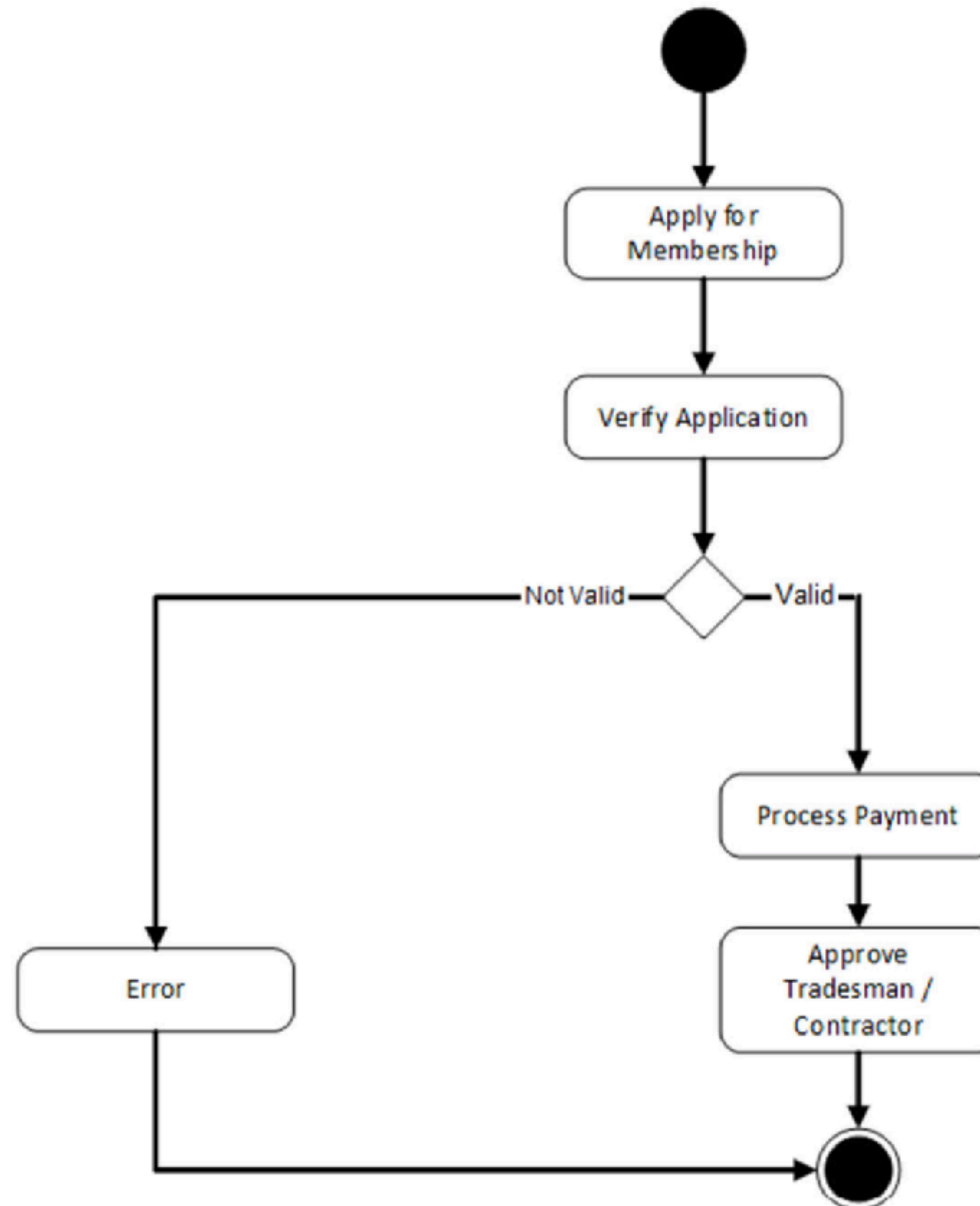


Figure 1: Add Member use case

USE CASE

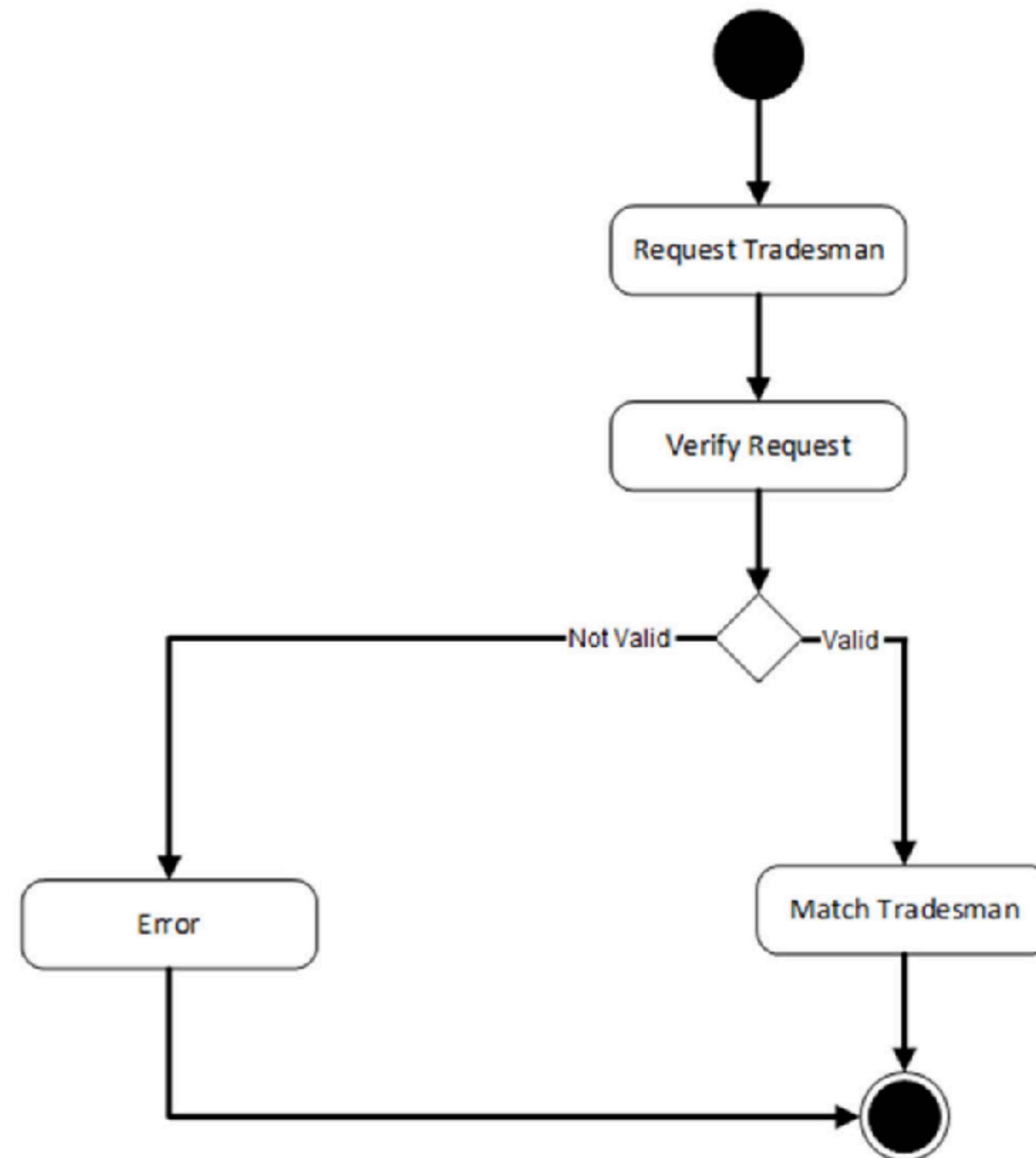


Figure 2: Request Tradesman use case

USE CASE

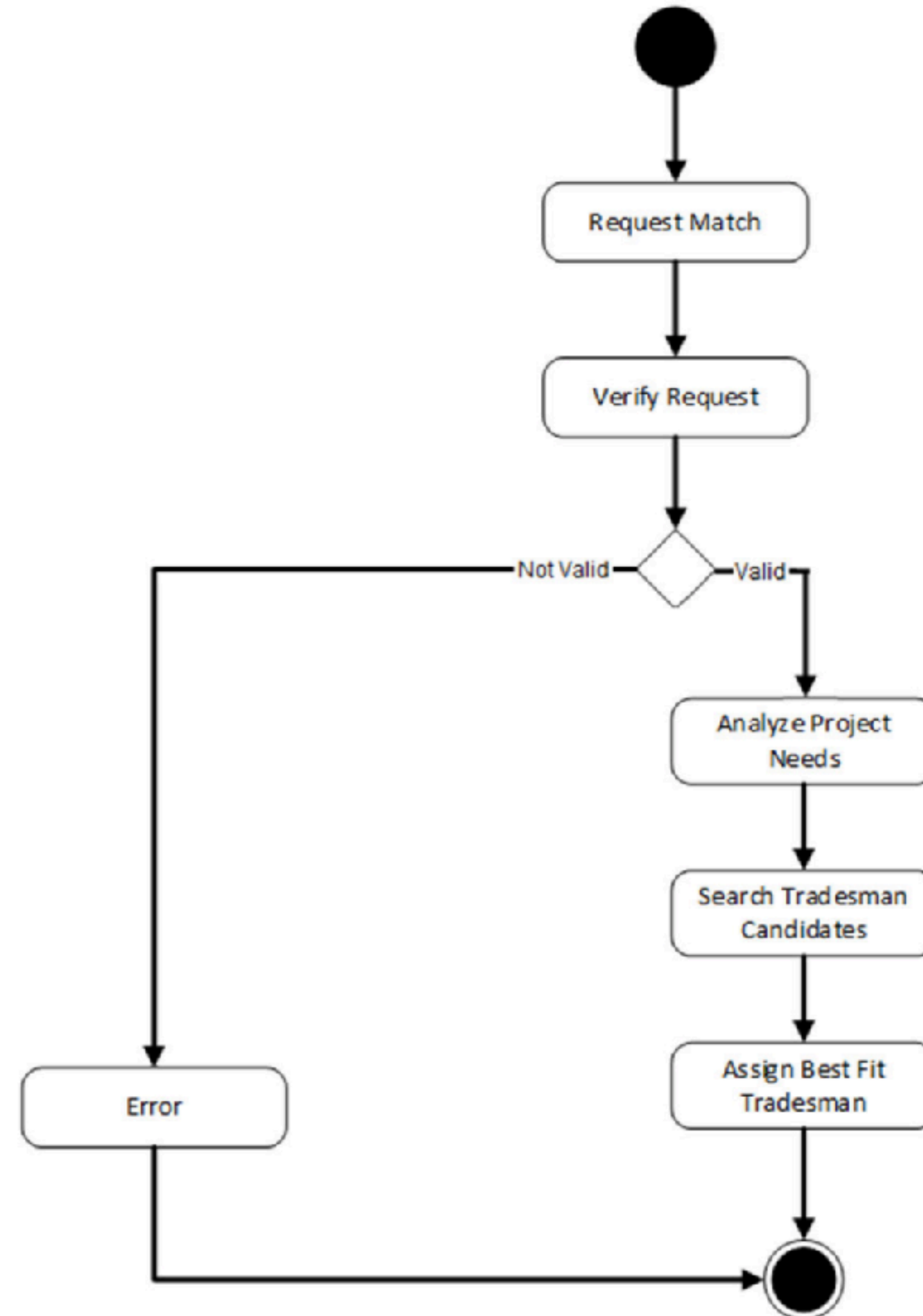


Figure 3: Match Tradesman use case

USE CASE

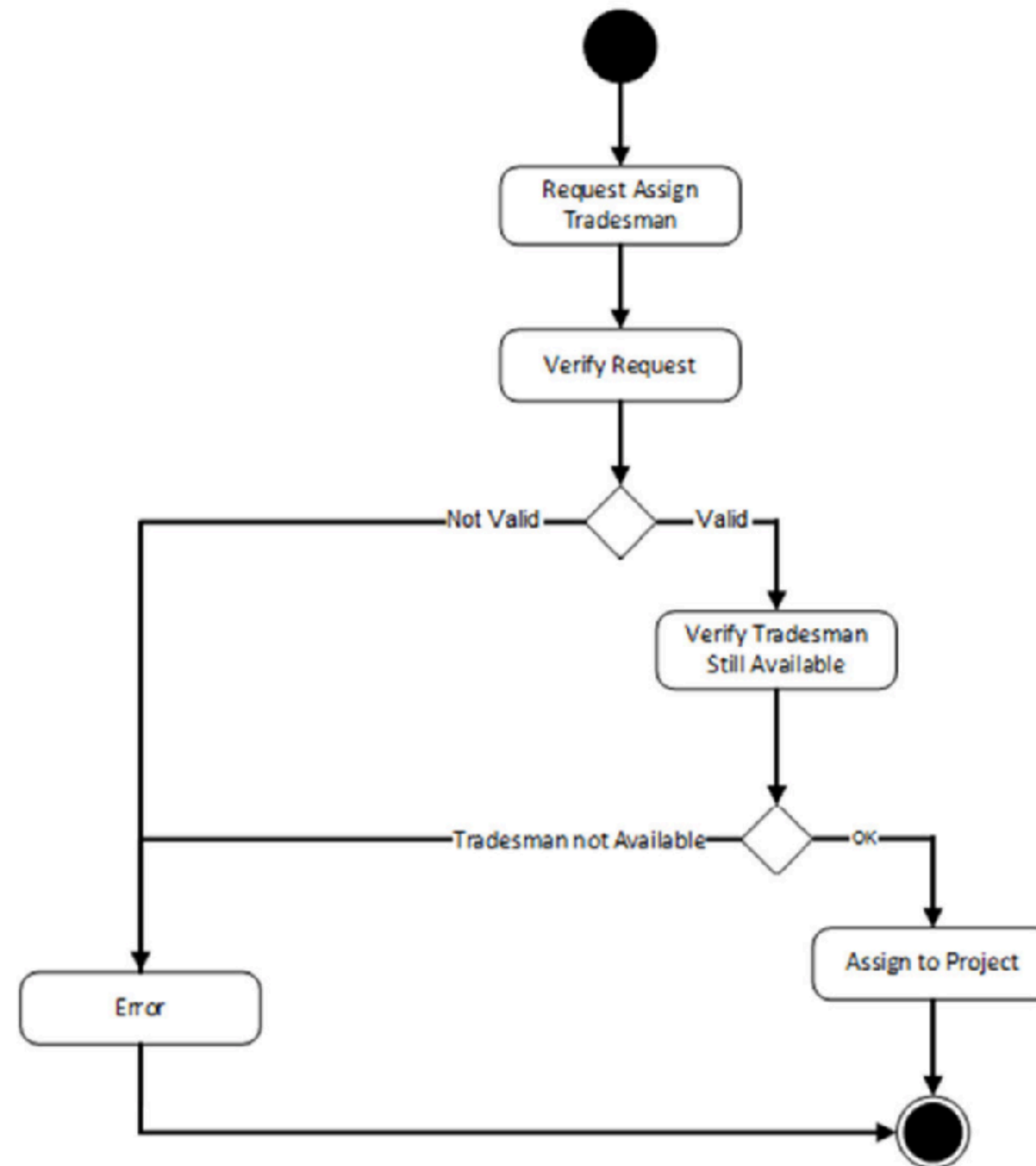


Figure 4: Assign Tradesman use case

USE CASE

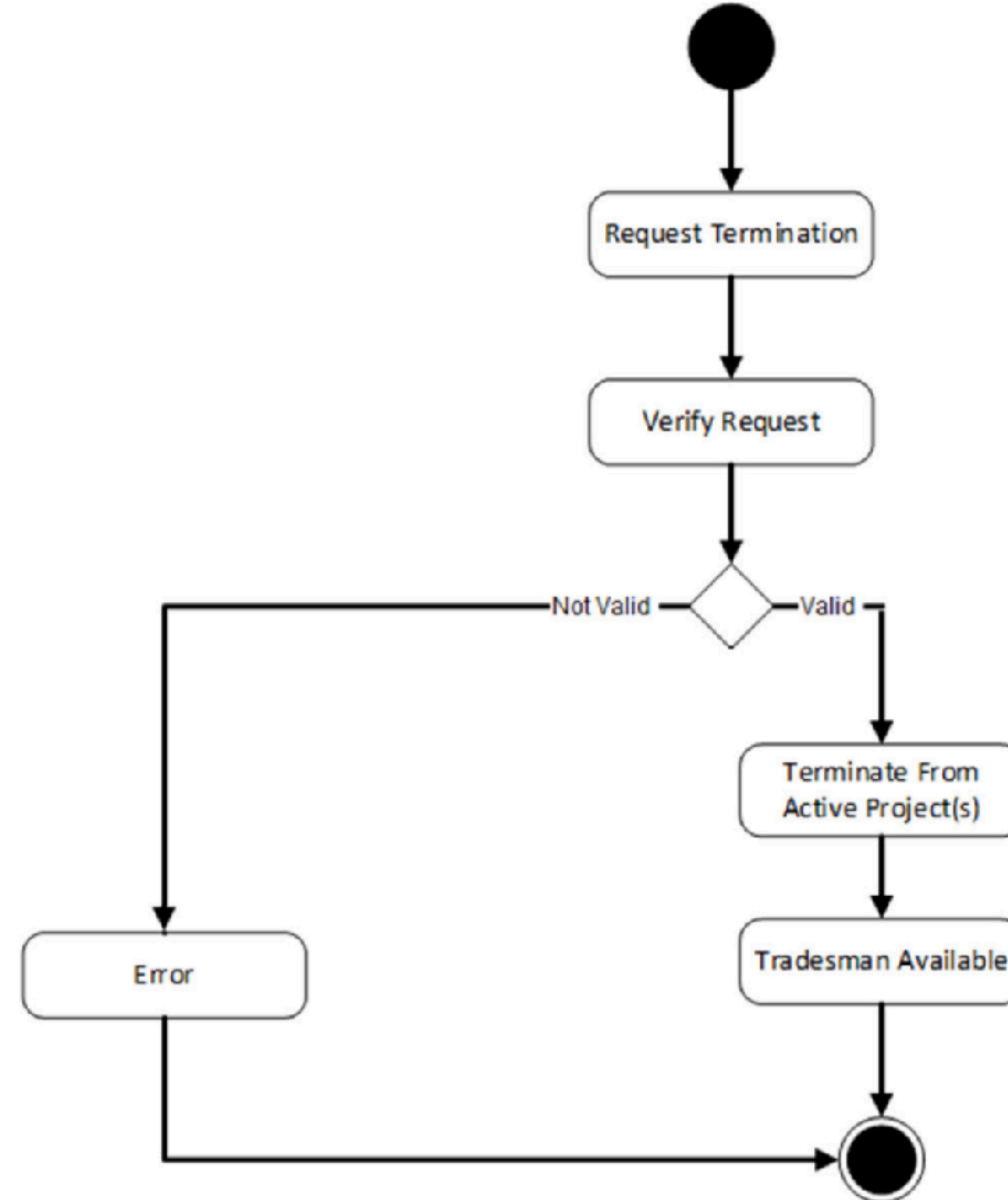


Figure 5: Terminate Tradesman use case

USE CASE

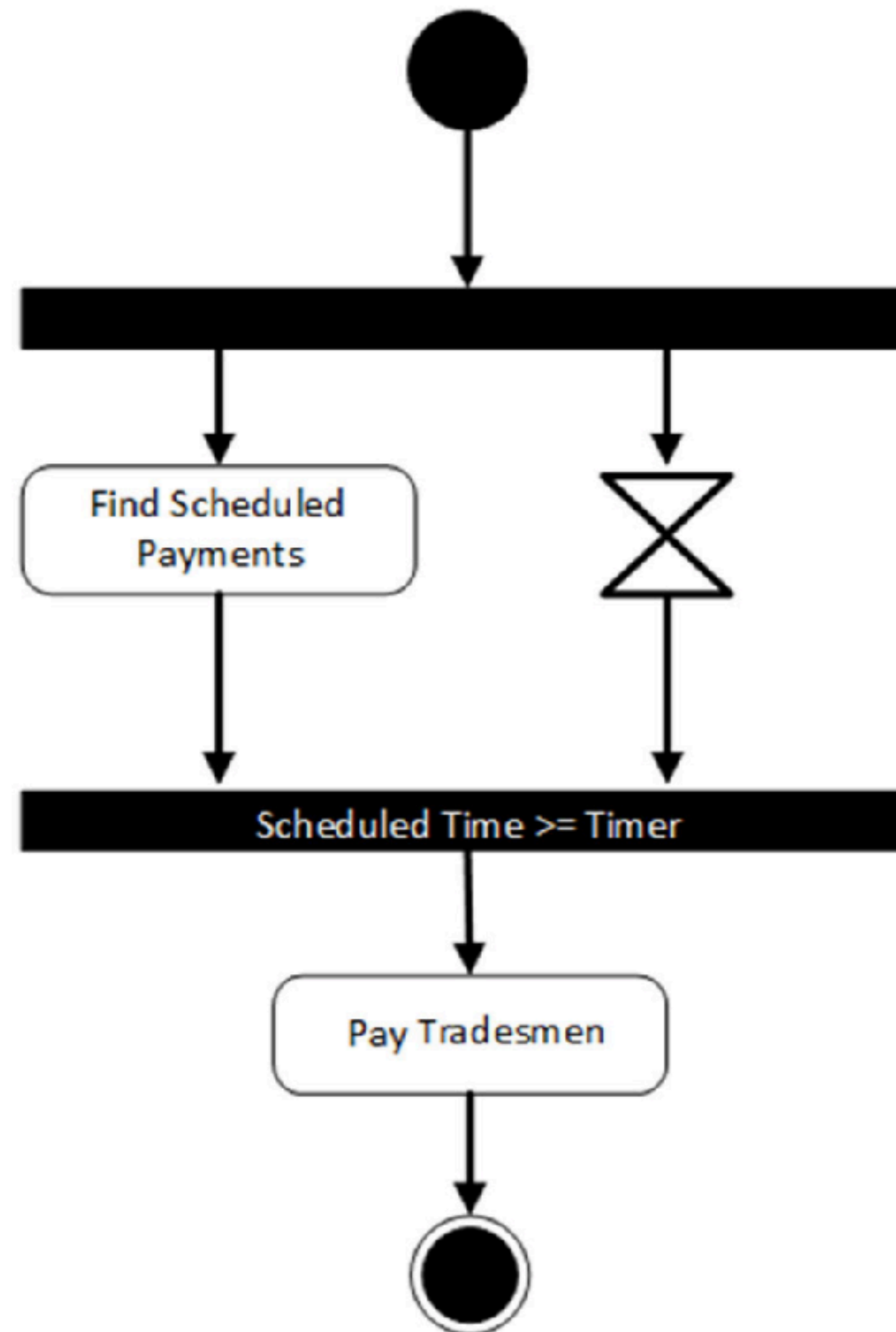


Figure 6: Pay Tradesman use case

USE CASE

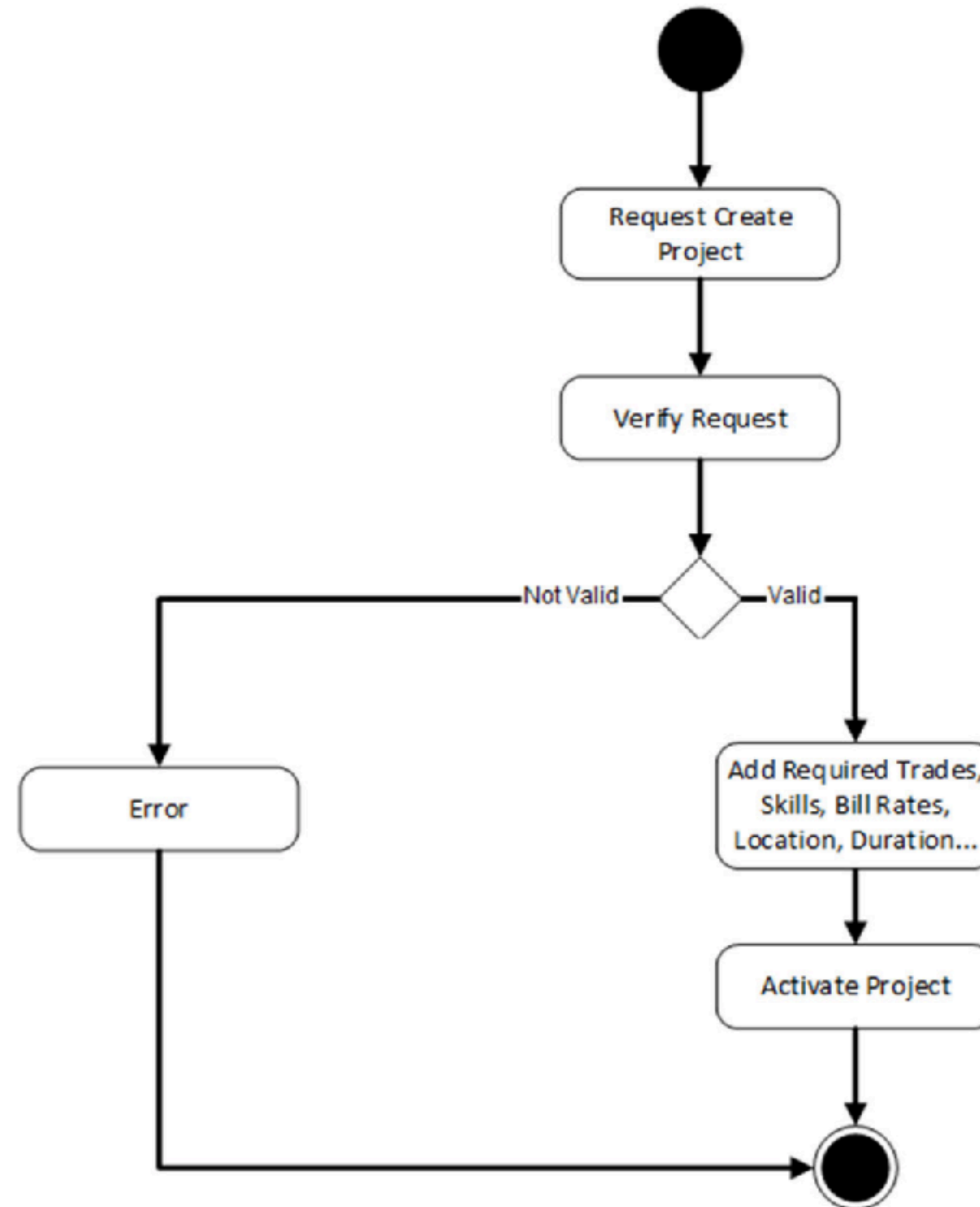


Figure 7: Create Project use case

USE CASE

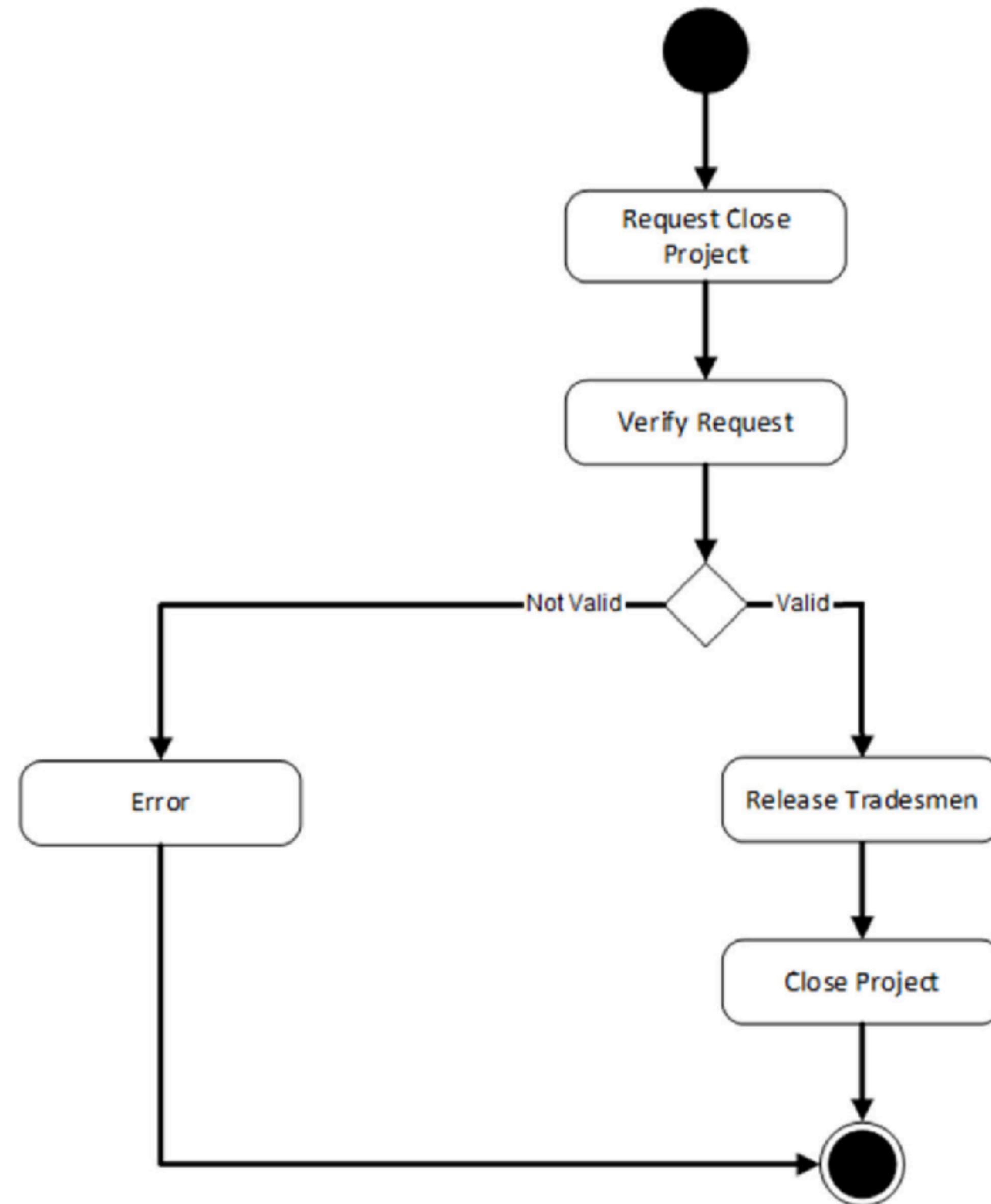


Figure 8: Close Project use case

USE CASE

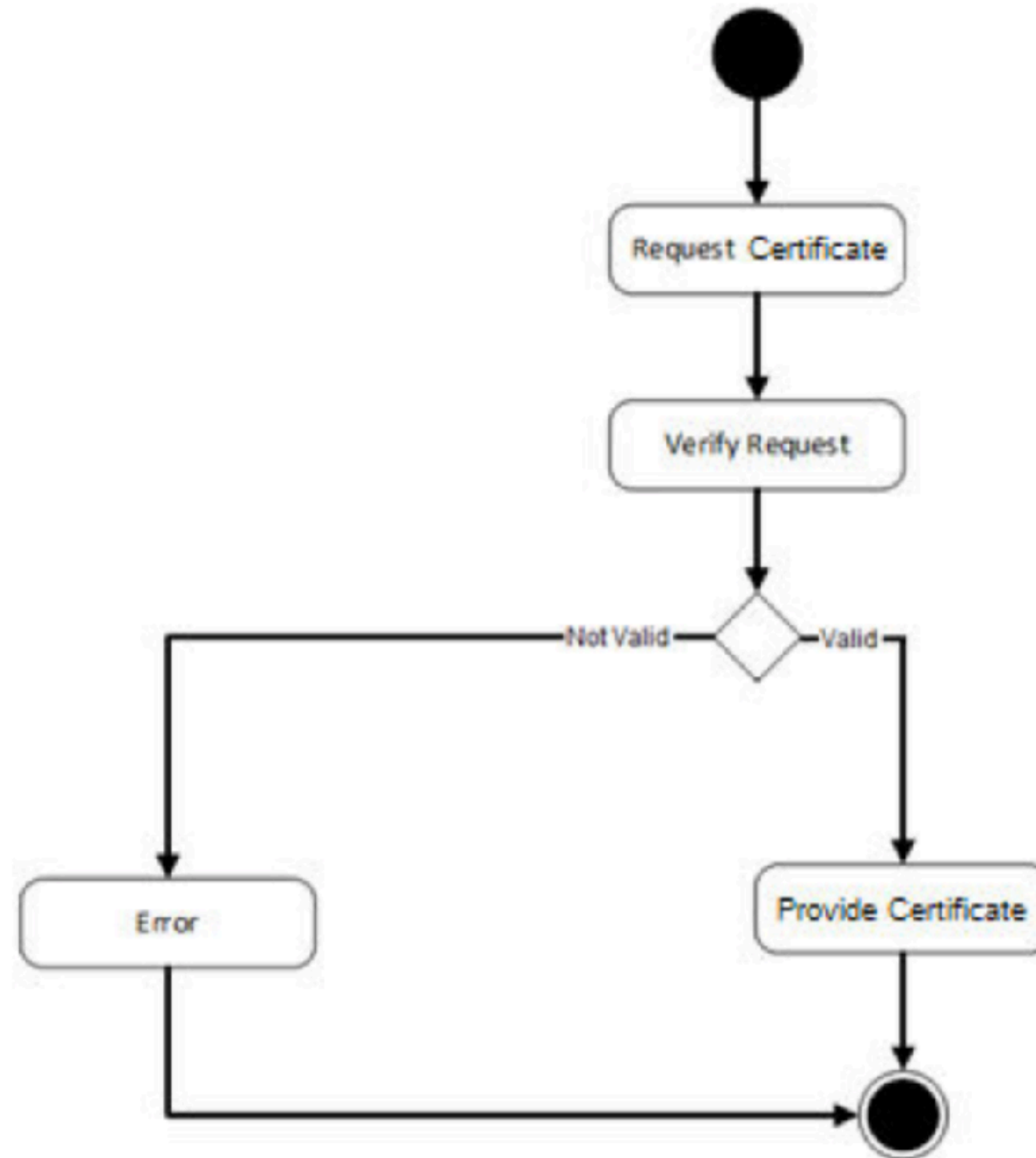


Figure 9: Request Education Certificate use case

STATIC ARCHITECTURE

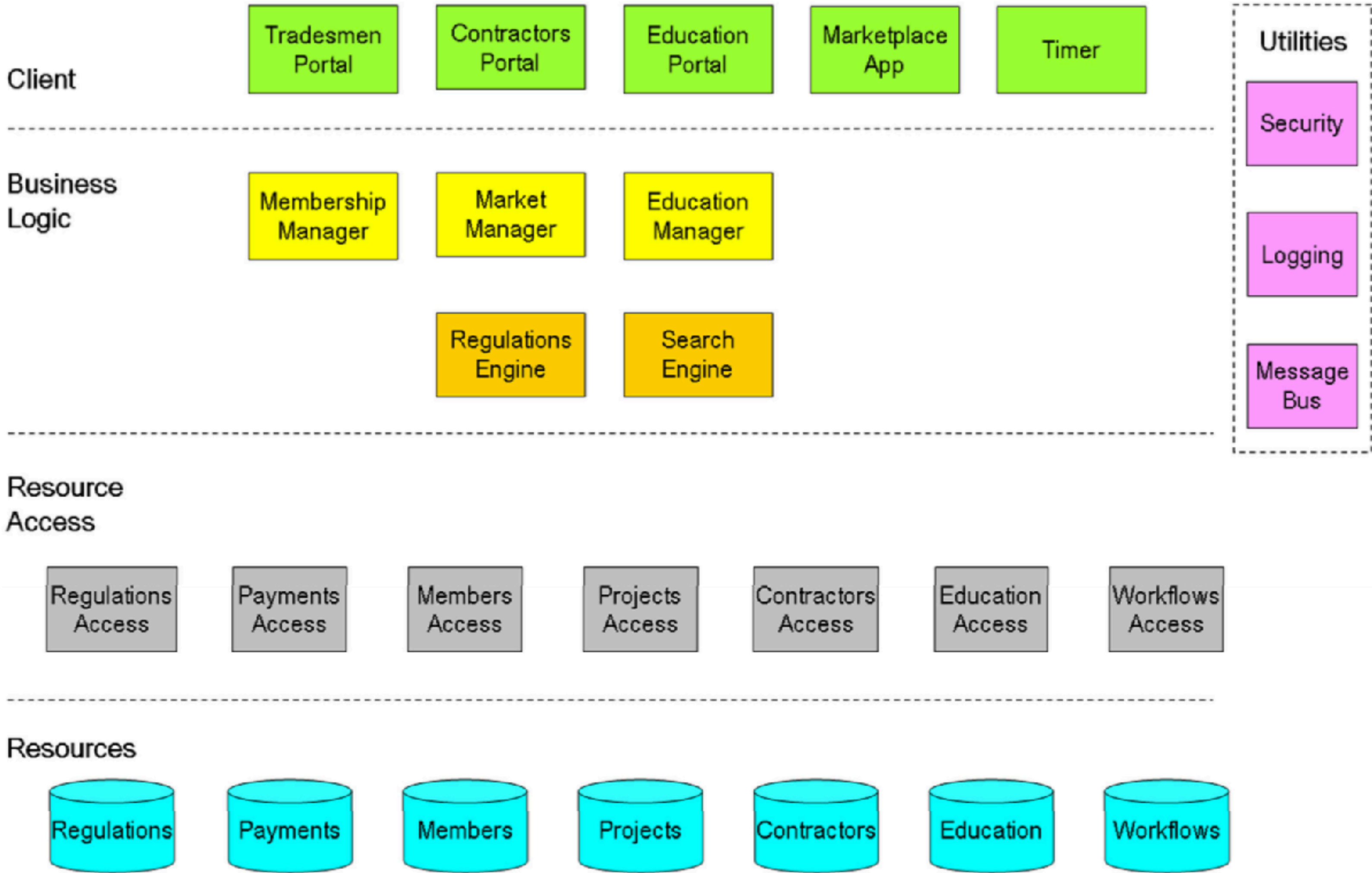


Figure 11: Static Architecture

STATIC ARCHITECTURE

- ▶ Market Manager
 - ▶ Fees
 - ▶ Projects
 - ▶ Search Criteria

STATIC ARCHITECTURE

- ▶ Membership Manager
 - ▶ Disputes
 - ▶ Users
- ▶ Education Manager
- ▶ Security Utility

STATIC ARCHITECTURE

- ▶ Regulations engine
 - ▶ Regulations
 - ▶ Reporting/Auditing
- ▶ Search Engine
- ▶ Resource Access Services
- ▶ Resource Layer Services

DESIGN VALIDATION

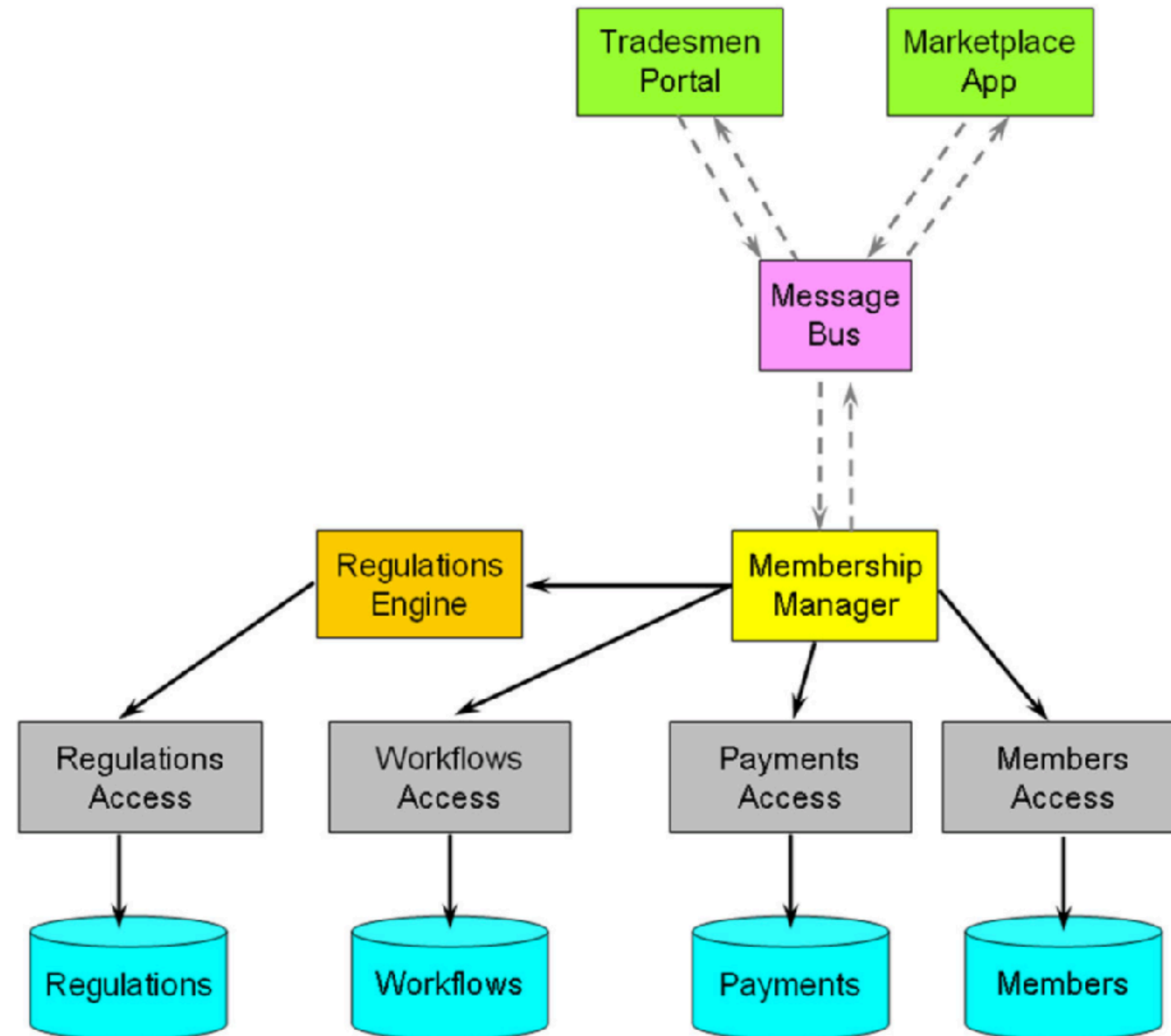


Figure 12: Add Member call chain

DESIGN VALIDATION

Request Tradesman Call Chain

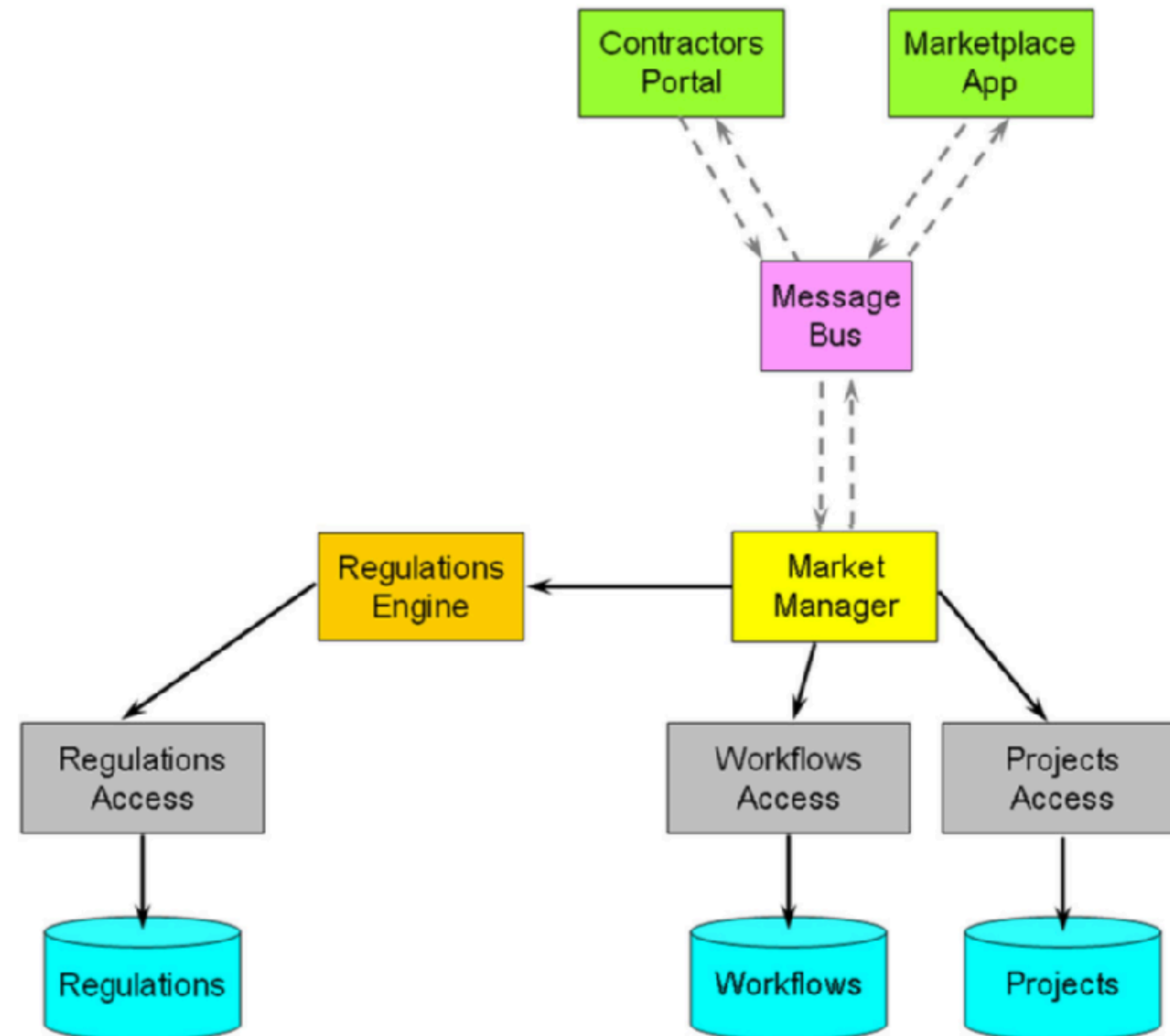


Figure 13: Request Tradesman call chain

DESIGN VALIDATION

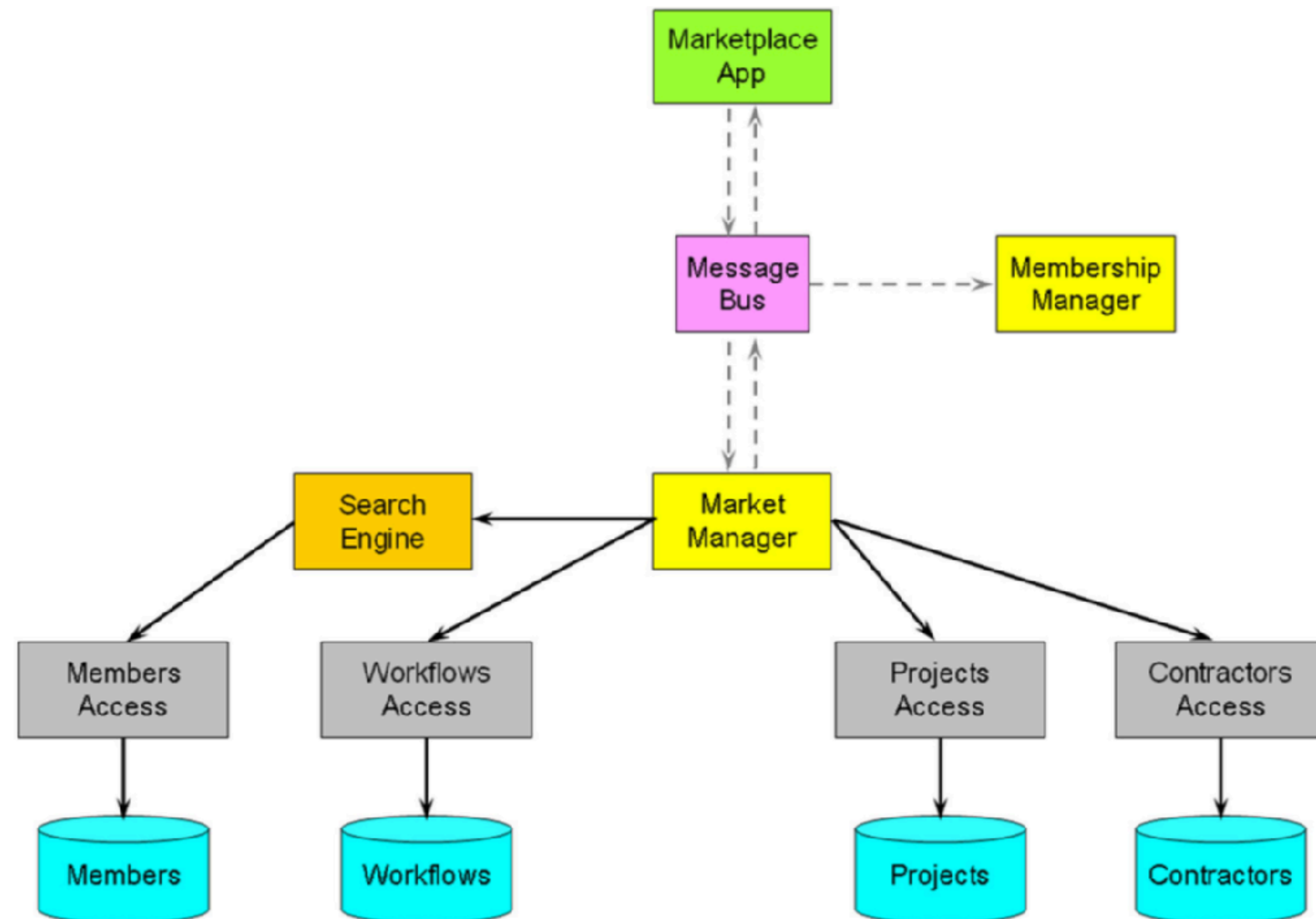


Figure 14: Match Tradesman call chain

DESIGN VALIDATION

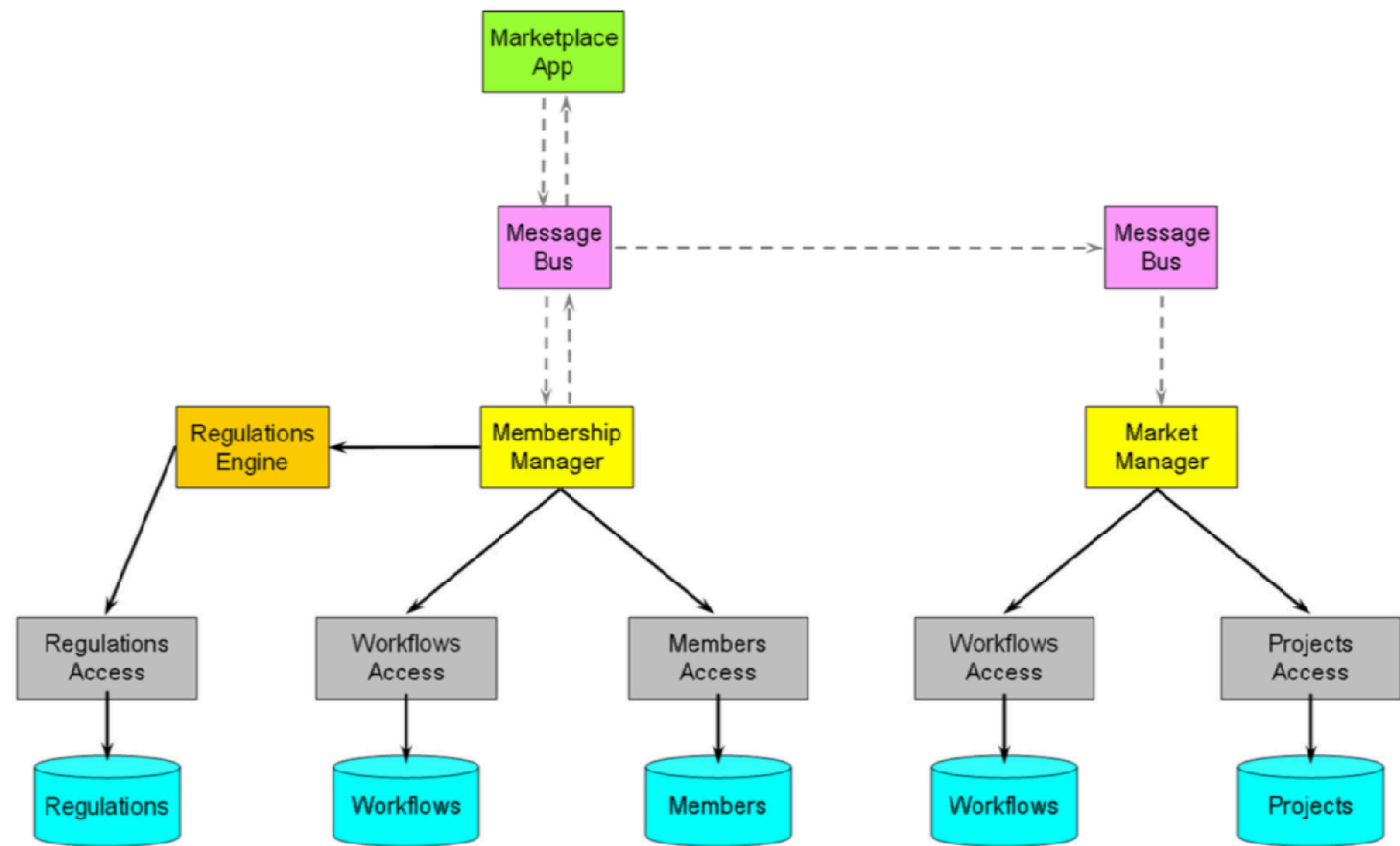


Figure 15: Assign Tradesman call chain

DESIGN VALIDATION

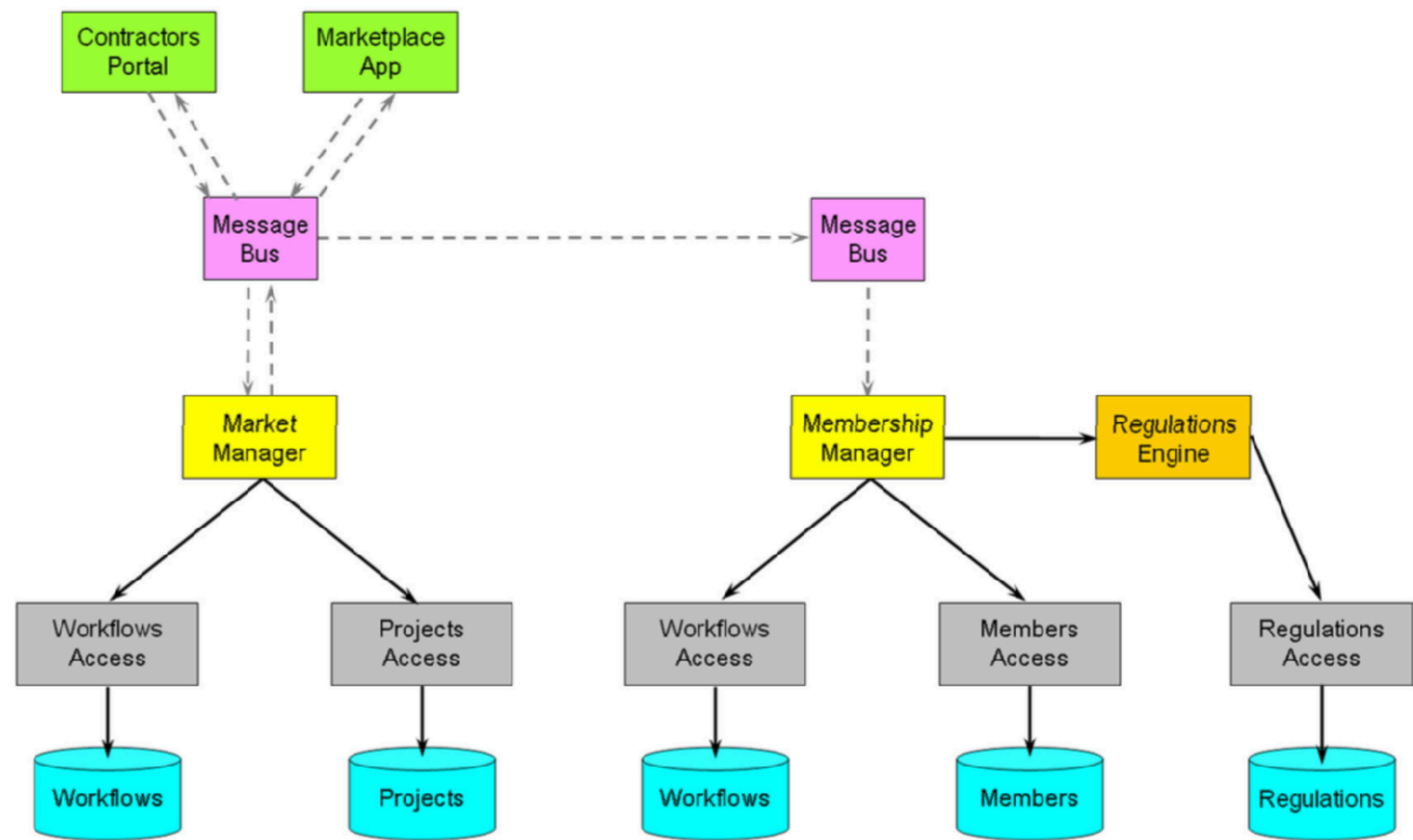


Figure 16: Terminate Tradesman call chain

DESIGN VALIDATION

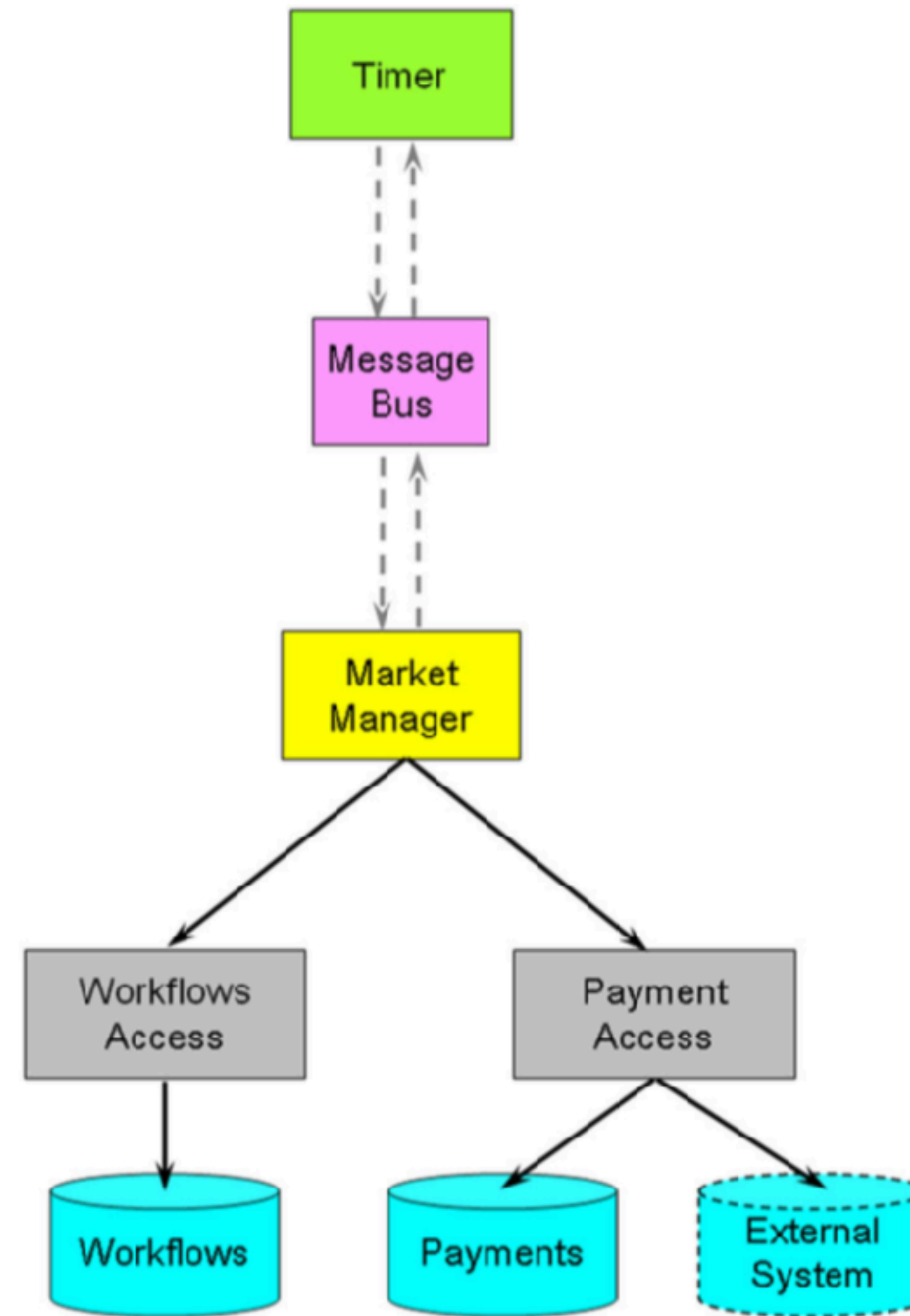


Figure 17: Pay Tradesman call chain

DESIGN VALIDATION

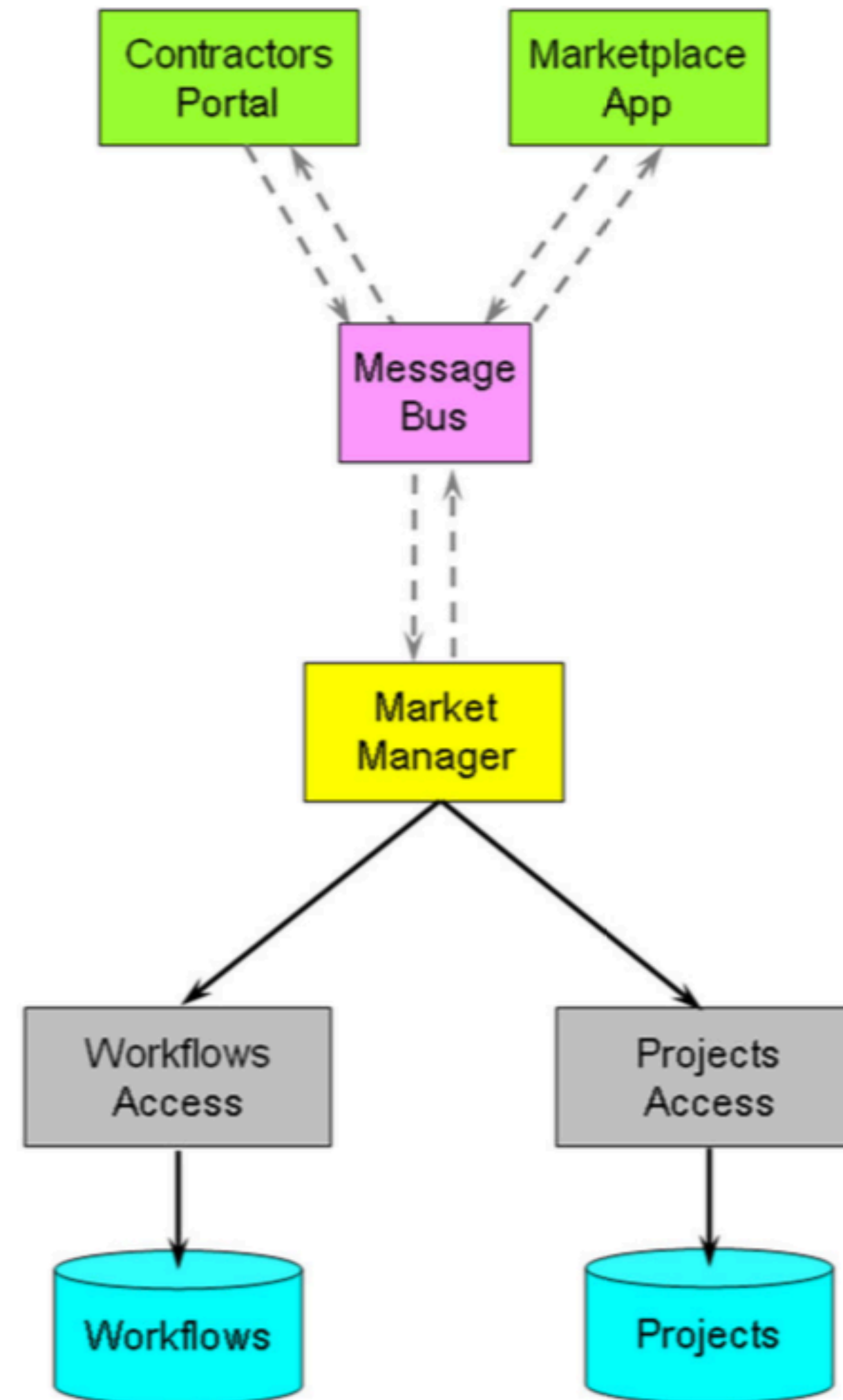


Figure 18: Create Project call chain

DESIGN VALIDATION

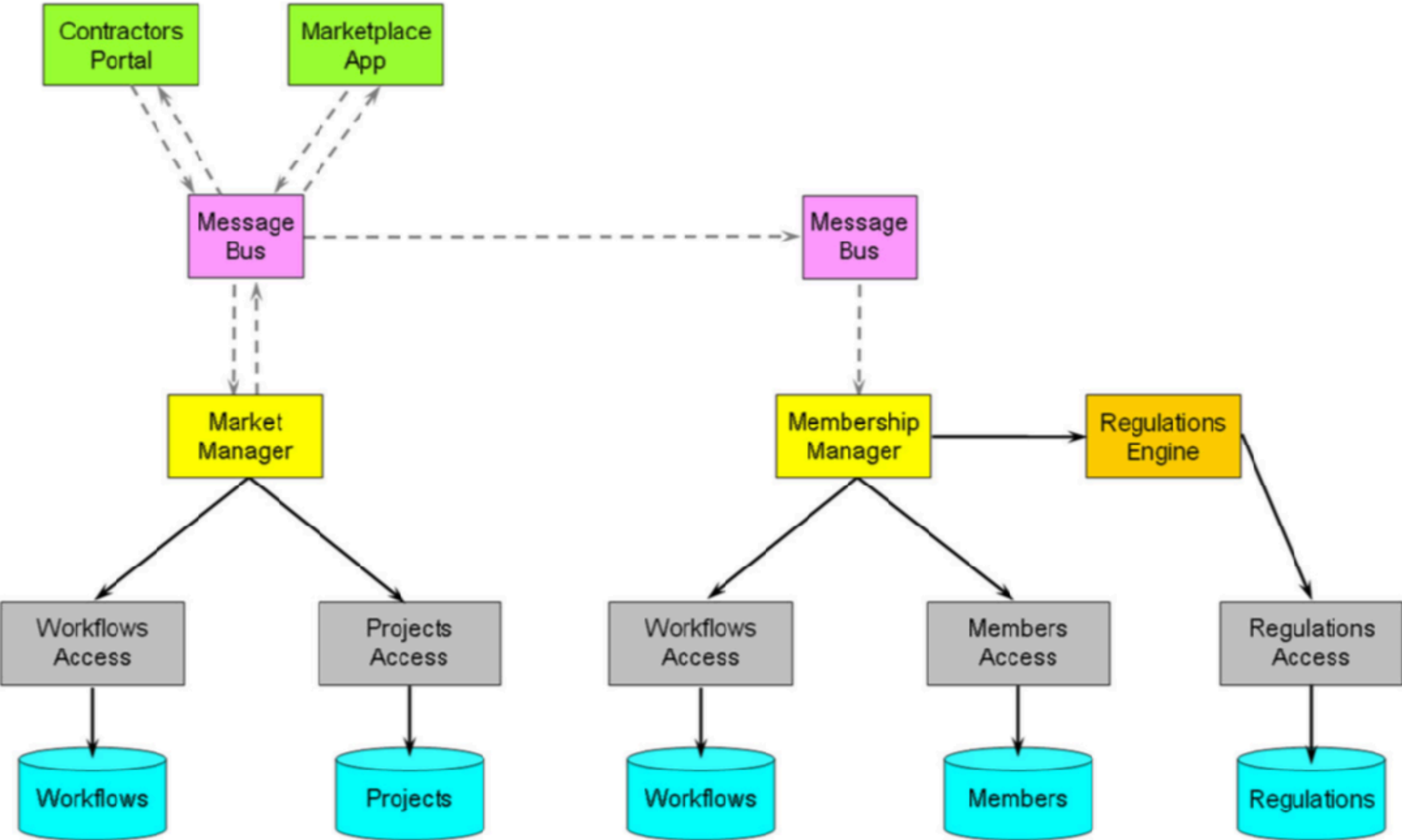


Figure 19: Close Project call chain

DESIGN VALIDATION

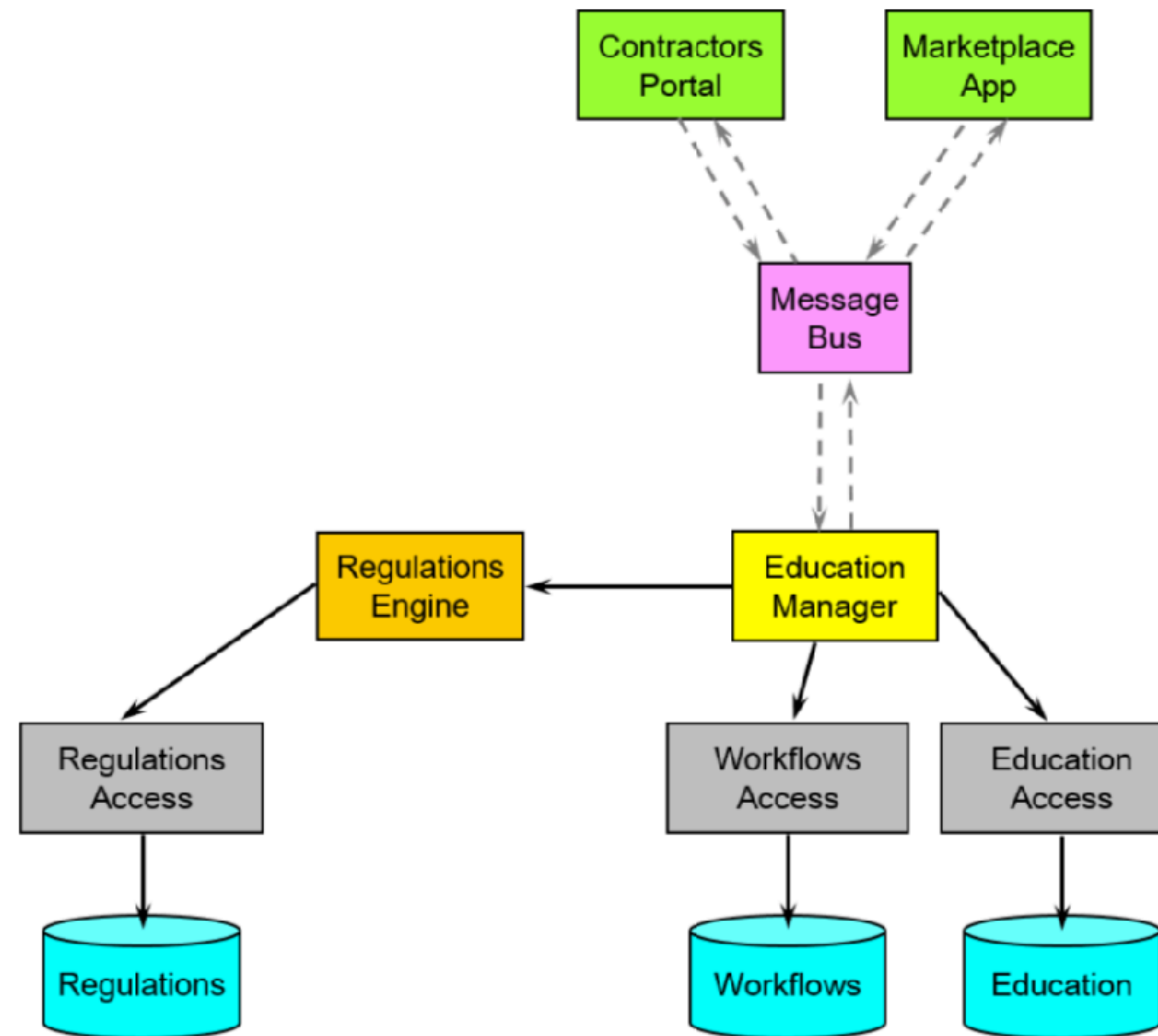


Figure 20: Request Education Certificate call chain