

Citizen Developer Posting Board

Complete Technical Documentation

Version 2.0

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An enterprise platform for connecting teams with citizen
developers

Executive Summary

The Citizen Developer Posting Board revolutionizes how organizations leverage their internal talent pool by creating a marketplace for development ideas. Teams can post their automation and development needs, while skilled employees can browse, claim, and implement solutions. This platform addresses the growing need for citizen development capabilities within enterprises, enabling faster delivery of business solutions while providing growth opportunities for technically-minded employees across all departments.

Key Benefits:

- Accelerates solution delivery by tapping into distributed talent
- Reduces IT backlog by enabling self-service development
- Provides skill development opportunities for employees
- Creates transparency in development priorities and progress
- Facilitates knowledge sharing across teams
- Tracks monetary and non-monetary incentives

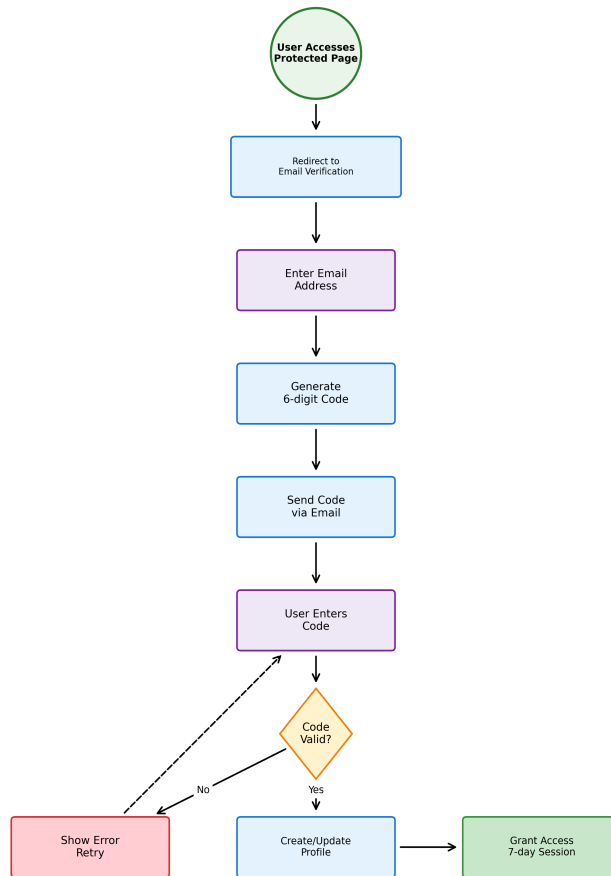
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5. Core Workflows

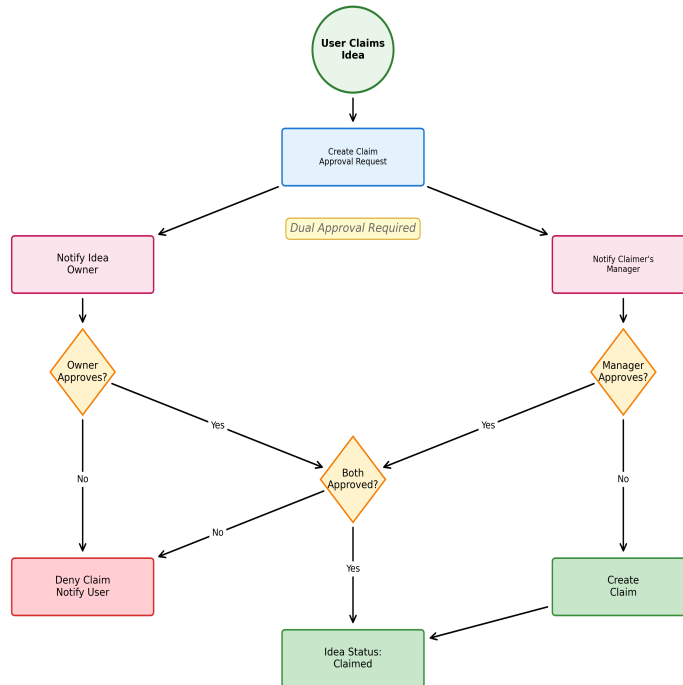
5.1 Authentication Workflow

Email-Based Authentication Workflow

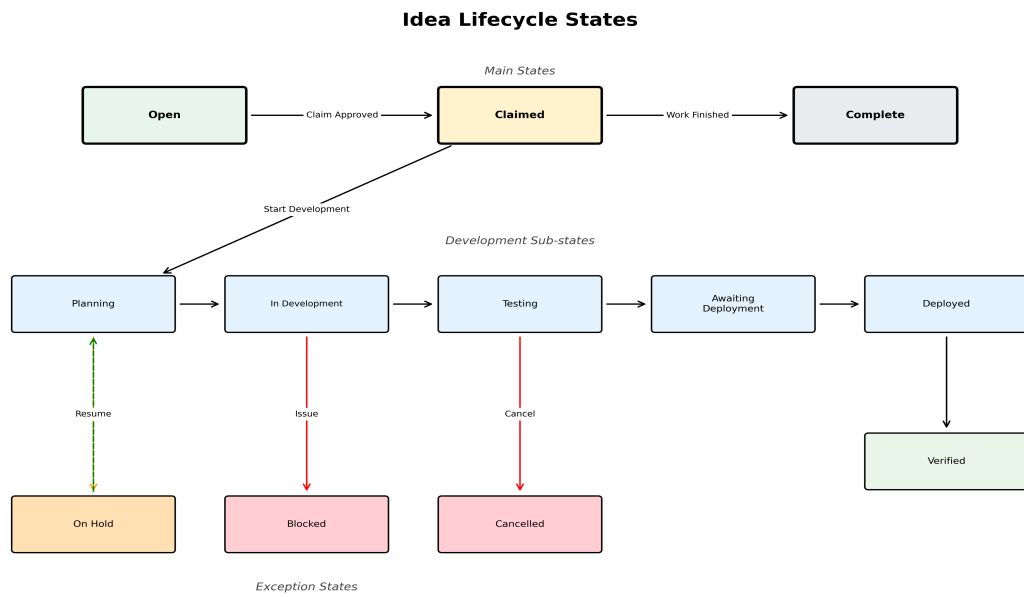


5.2 Claim Approval Workflow

Claim Approval Workflow (Dual Approval)

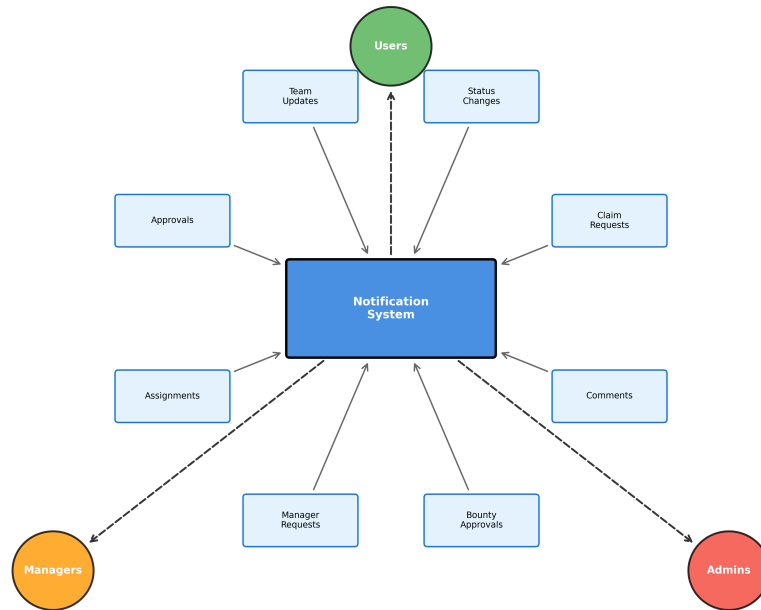


5.3 Idea Lifecycle



5.4 Notification System

Notification System Event Flow



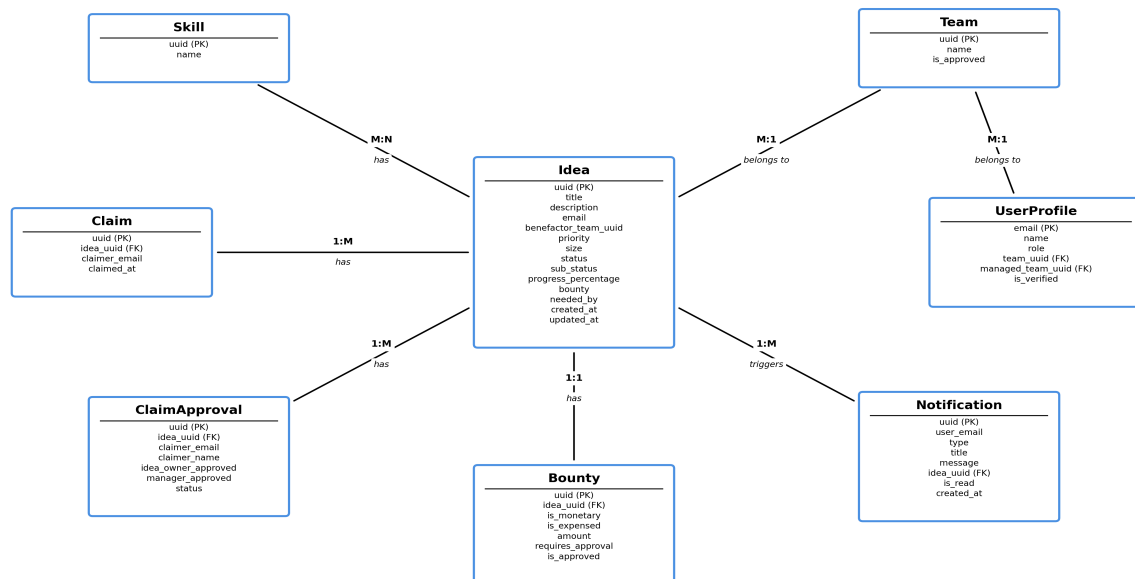
5.5 Resume/Pause Workflow

3. Database Design

3.1 Core Database Schema

Hub-and-spoke design with Idea as the central entity. All relationships clearly defined with no ambiguity.

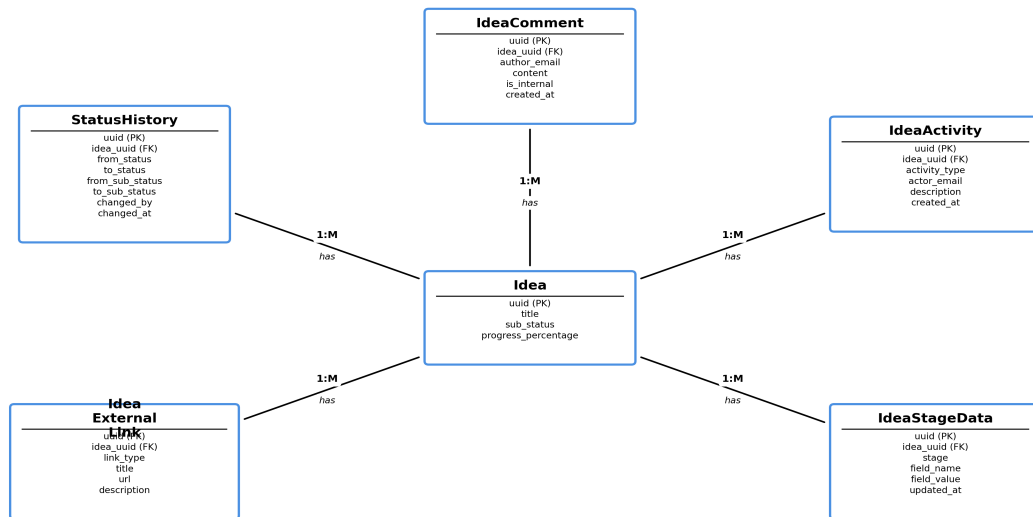
Main Database Schema - Core Entities



3.2 SDLC Tracking Schema

Comprehensive tracking of development lifecycle with comments, activities, and stage-specific data.

SDLC Tracking Schema



3.3 Authentication & User Management

User profiles, verification codes, and manager request tracking with clear relationships.

Authentication & User Management Schema

