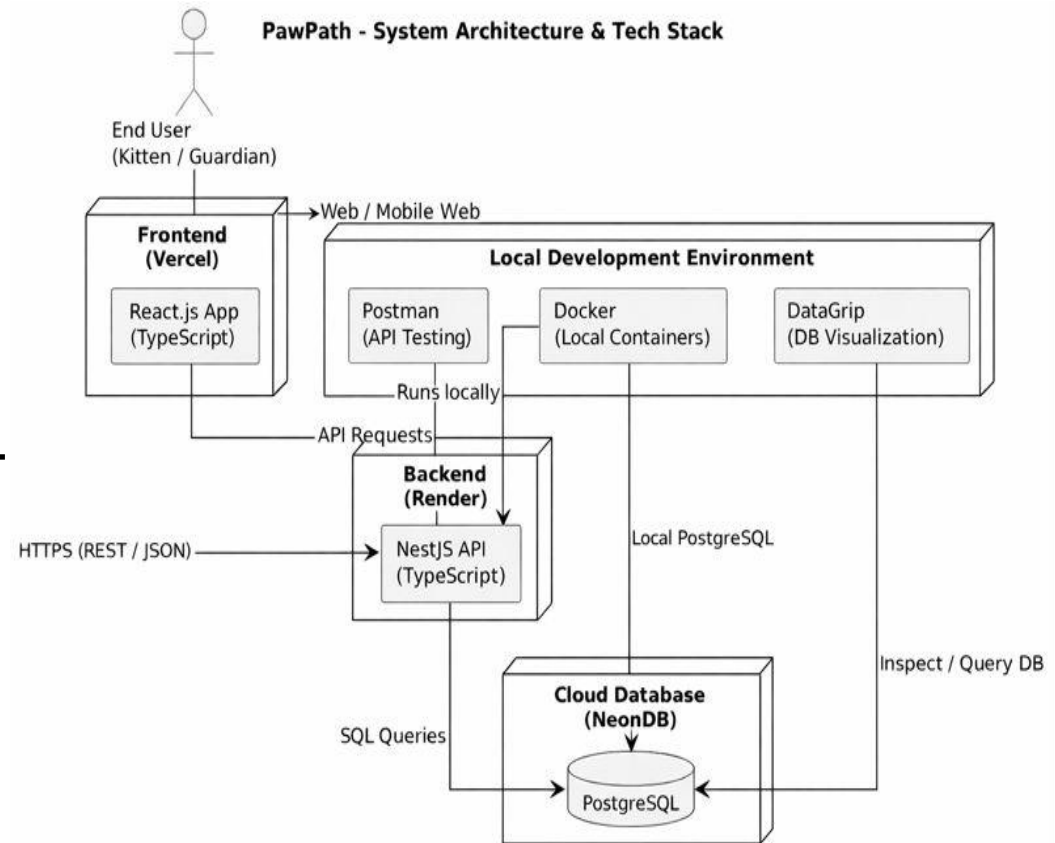


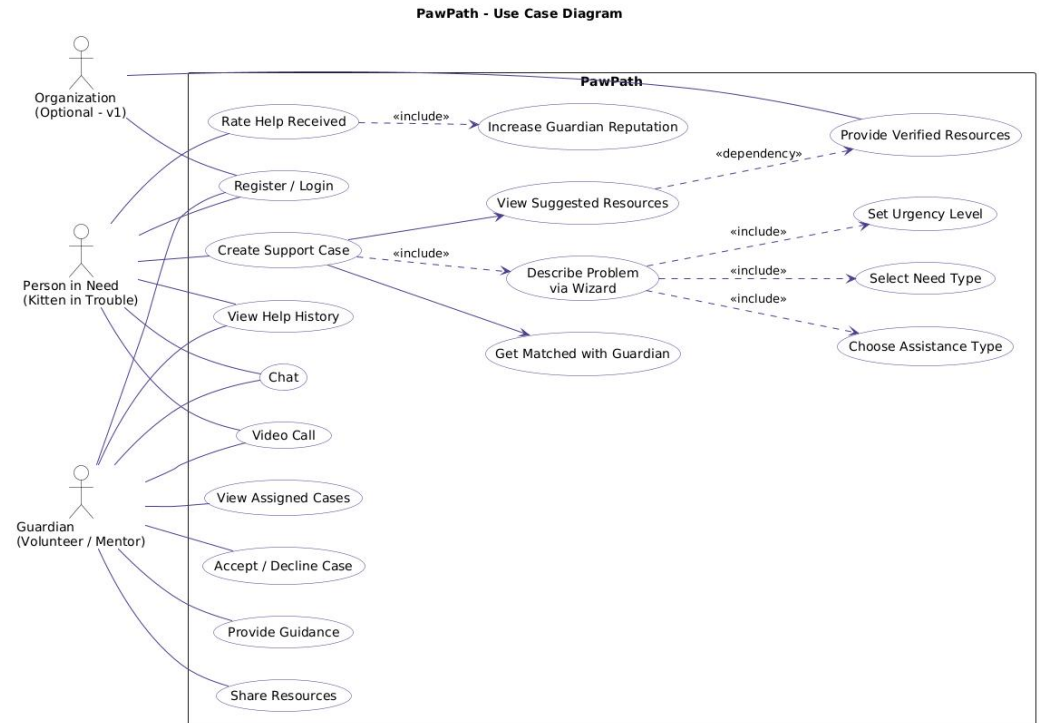
# PawPath - Technology Stack

- Frontend: React
- Backend: Node.js (NestJS) or .NET API
- Database: PostgreSQL
- Authentication: JWT / OAuth
- Hosting: Cloud-based (Docker-ready)



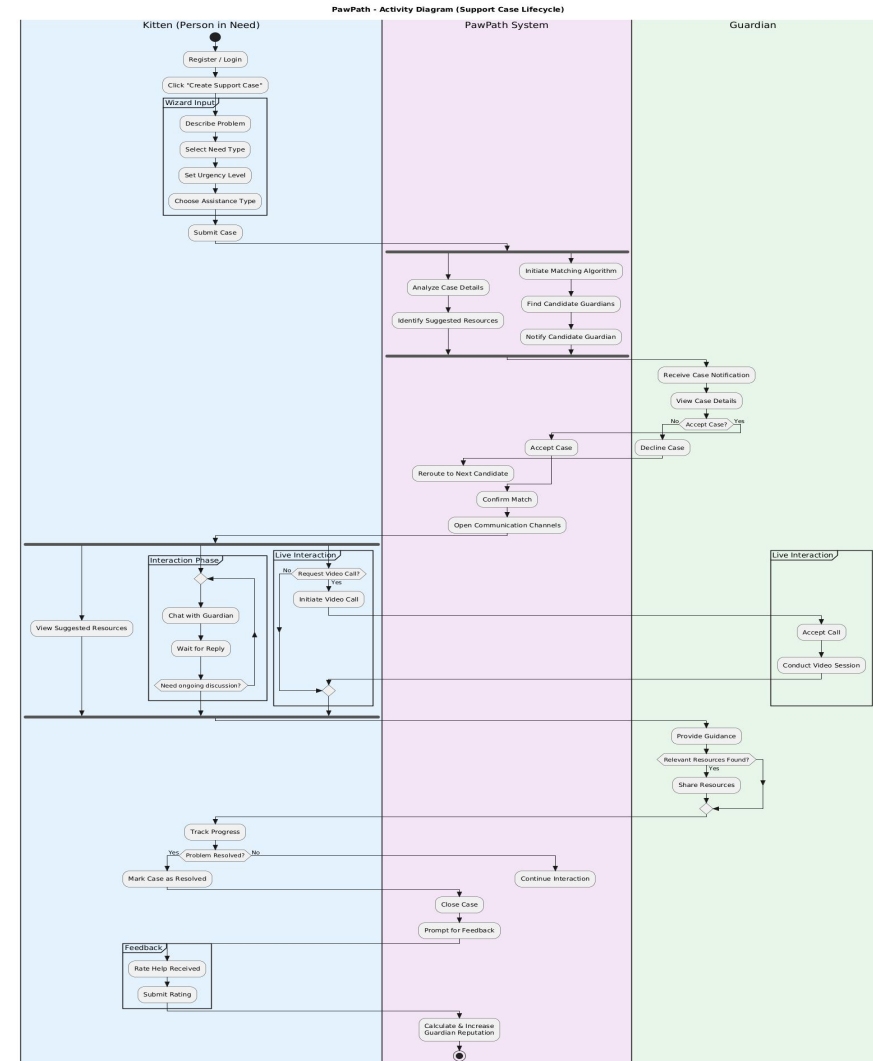
# System Use Cases (UML)

- Main Use Cases:
  - Register / Login
  - Create Support Case
  - Match with Guardian
  - Chat / Video Support



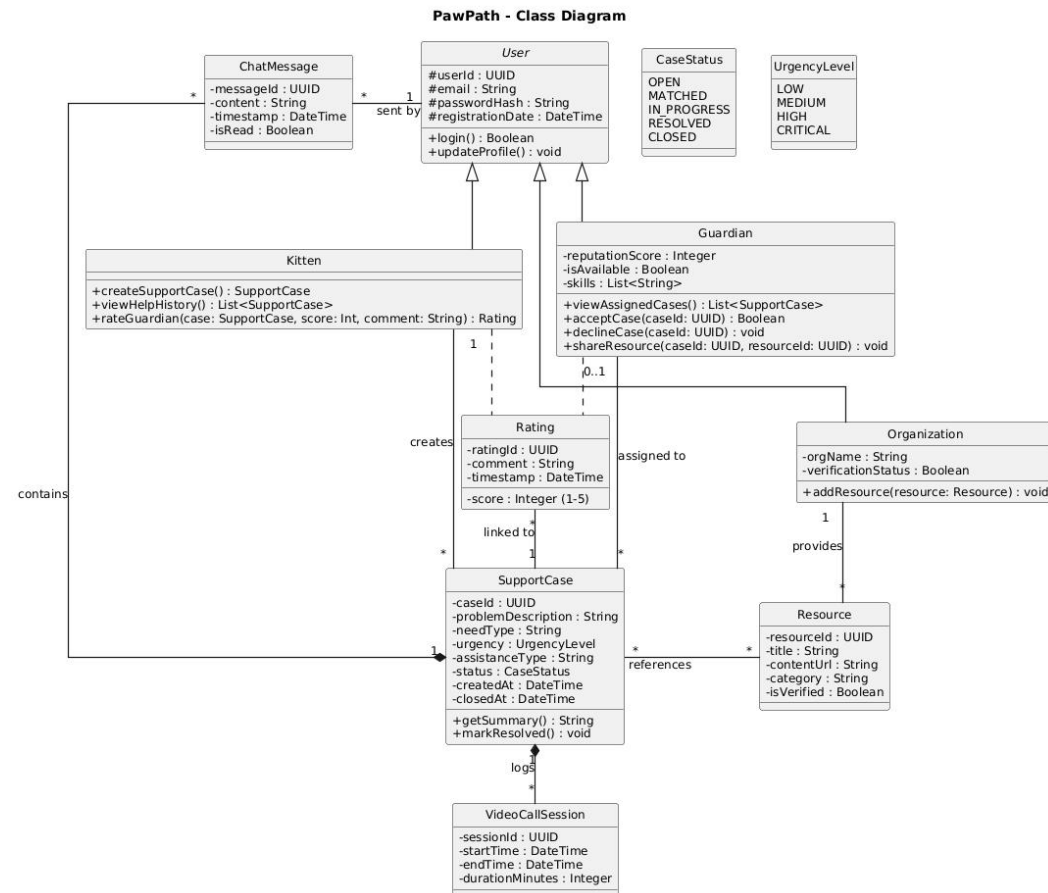
# Activity Flow

- High-level Activity Flow:
  - User describes problem
  - System analyzes need
  - Match or auto-resources
  - Support interaction



# System Structure

- Core Components:
  - User Service
  - Case Management
  - Matching Engine
  - Messaging Module



# Database Design

- Main Entities:
  - Users
  - Cases
  - Messages
  - Ratings

PawPath - Entity-Relationship Diagram (ERD)

