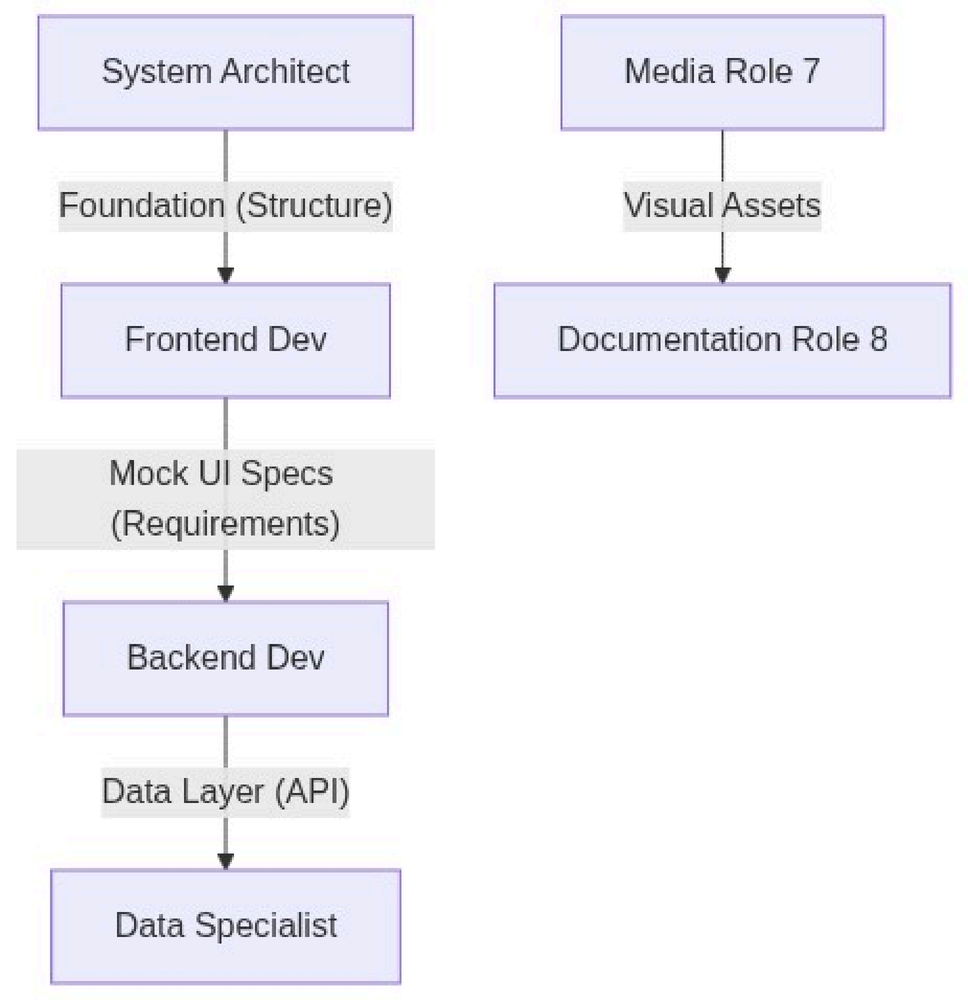
SDLC Role Relations

Understanding the Agentic Handoffs

Overview of Relations



1. System Architect → Frontend Developer

"The Foundation Handoff"

- **Source Role**: System Architect
- **Target Role**: UI/UX Frontend Developer
- **The Content**:
  - `package.json` & Library selections (e.g., `shadcn/ui`, `tailwindcss`).
  - Folder Structure (`src/components`, `src/app`).
- **The Direct Relation**:
  The Frontend Developer **cannot start** without the tools installed by the Architect. If the Architect fails to install `shadcn`, the Frontend prompts will fail.

2. Frontend Developer → Backend Developer

"The Mock Handoff"

- **Source Role**: UI/UX Frontend Developer
- **Target Role**: Backend Developer
- **The Content**:
  - UI Components with *mock data* (hardcoded strings).
  - Component Props definition (The "Contract").
- **The Direct Relation**:
  The Backend Developer's job is to **replace** the Frontend's mocks with real data. They must strictly adhere to the data structure (props) defined by the UI to avoid breaking the display.

3. Backend Developer → Data Specialist

"The Intelligence Handoff"

- **Source Role**: Backend Developer
- **Target Role**: Data Specialist
- **The Content**:
  - Working API services (e.g., Unsplash Fetcher).
  - Verified data flow.
- **The Direct Relation**:
  The Data Specialist uses the *working data layer* to build the AI features. We separate these so we know if a failure is due to *data fetching* (Backend responsibility) or *AI Generation* (Data Specialist responsibility).

4. Media → Documentation

"The Proof Handoff"

- **Source Role**: Media (Role 7)
- **Target Role**: Documentation (Role 8)
- **The Content**:
  - Screenshots and Walkthrough Videos (`assets/home_demo.webp`).
- **The Direct Relation**:
  The Documentation role embeds the assets created by the Media role into the `README.md` to prove the application works and looks as intended.