**Development Environment Setup Documentation**

**Purpose:** Enable consistent local and cloud-based development environments for all engineers.

**Contents:**

* **Pre-requisites:**
  + OS: Ubuntu 22.04 / Windows 11 with WSL2
  + Tools: Docker, Git, Node.js, Python, Java JDK, PostgreSQL, Redis, VS Code
* **Setup Steps:**
  + Clone monorepo and install dependencies via package manager (e.g., npm install, pip install -r)
  + Environment variable configuration via .env file template
  + Command to launch services using Docker Compose: docker-compose up
* **Dev URLs and Access Credentials:**
  + Frontend: http://localhost:3000
  + API Gateway: http://localhost:8080
  + DB UI (pgAdmin): http://localhost:5050
  + Shared login credentials for dev (obfuscated in public docs)