

AI Quiz Generator - Run Instructions

1. Prerequisites

Ensure you have the following installed:

- Python 3.11+ (Download from [python.org](https://www.python.org))
- Node.js 16+ (Download from nodejs.org)
- Git (Download from git-scm.com)

2. Project Setup & Backend Start (Windows)

We have created an automated script to handle everything for you.

1. Navigate to the project root directory.
2. Double-click on the 'setup_project.bat' file.
3. This script will:
 - Remove any old/broken environments.
 - Create a fresh virtual environment.
 - Install all necessary dependencies.
 - Start the backend server automatically.
4. Follow the on-screen prompts to select your AI Provider (Recommend: Ollama for local, or Groq for cloud).

3. Frontend Start

1. Open a NEW terminal window (PowerShell or Command Prompt).
2. Navigate to the 'frontend' folder:
`cd frontend`
3. Start the development server:
`npm run dev`
4. Open your browser and go to the link shown (usually <http://localhost:5173>).

4. Troubleshooting

- If you see a 'pydantic' error: Rerun 'setup_project.bat'. It is designed to fix this exact issue.
- If the backend doesn't start: Check if port 8000 is free.
- If frontend dependencies fail: Delete 'node_modules' in the frontend folder and run 'npm install' again.