**📘 GetInspired Project – Developer Notes & Learnings**

**🔰 Project Summary**

**Project Name:** GetInspired  
**Description:** A simple, beginner-friendly quote generator web app using HTML, CSS, and JavaScript.  
**Goal:** Practice full web dev cycle and Git basics in a self-contained mini project.

**📁 Folder Structure**

GetInspiredSite/

├── index.html # Main UI structure

├── style.css # CSS for card UI and responsive design

├── script.js # JavaScript logic to generate random quotes

├── GetInspiredSite.png # Screenshot used in README

├── README.md # Project documentation

**✅ What I Learned**

**1. HTML/CSS/JS Integration**

* Linked external CSS and JS into HTML using <link> and <script>.
* Created a clean and minimal **card layout** using flexbox.
* Implemented a **click event listener** to generate quotes using plain JavaScript.
* Used Math.random() and Math.floor() for selecting random quotes from an array.

**2. Responsive Design Basics**

* Used rem, padding, border-radius, and box-shadow to build a soft, modern UI.
* Practiced layout centering using display: flex and justify-content/align-items.

**3. Markdown & README.md**

* Wrote a developer-friendly README.md explaining:
  + Project idea & usage
  + Setup & run instructions
  + Tech stack
  + Image preview using ![alt](image.png)
* Ensured the image (GetInspiredSite.png) is in the **same directory** as README.md.

**4. Git & GitHub Best Practices**

* Used git init to initialize a repo
* Avoided **nested Git repositories** (important mistake learned and fixed)
* Tracked changes using:
* git add .
* git commit -m "Build GetInspired: Random quote generator using HTML, CSS & JS"
* git push -u origin main
* Learned how to:
  + **Remove inner .git folders** when mistakenly nested
  + **Push correct directory contents** to GitHub
  + **Preview README on GitHub with image links**

**5. Browser Execution**

* HTML files can be opened directly with:
  + **Double-click** in Windows
  + **Right-click → Open With → Browser** on Linux/macOS
* Learned how to use **VS Code Live Server** for instant previews.

**🔧 Useful Commands**

**Basic Git Setup**

git init

git add .

git commit -m "Initial commit - GetInspired project"

git branch -M main

git remote add origin https://github.com/username/GetInspired.git

git push -u origin main

**Fix Nested Repo Issue**

# Navigate to inner repo

cd GetInspiredSite

rm -rf .git

# Back to outer folder

cd ..

git add GetInspiredSite

git commit -m "Include GetInspiredSite folder in main repository"

git push

**💡 Tips for Future Projects**

* Always run git status to check what’s being tracked.
* Never run git init inside a folder already tracked by Git unless you intend to create a submodule.
* Use meaningful commit messages for better project history tracking.
* Preview your README.md locally or in GitHub to verify images and formatting.
* Use small projects like this to reinforce your Git and web dev skills.